

FIG. 1

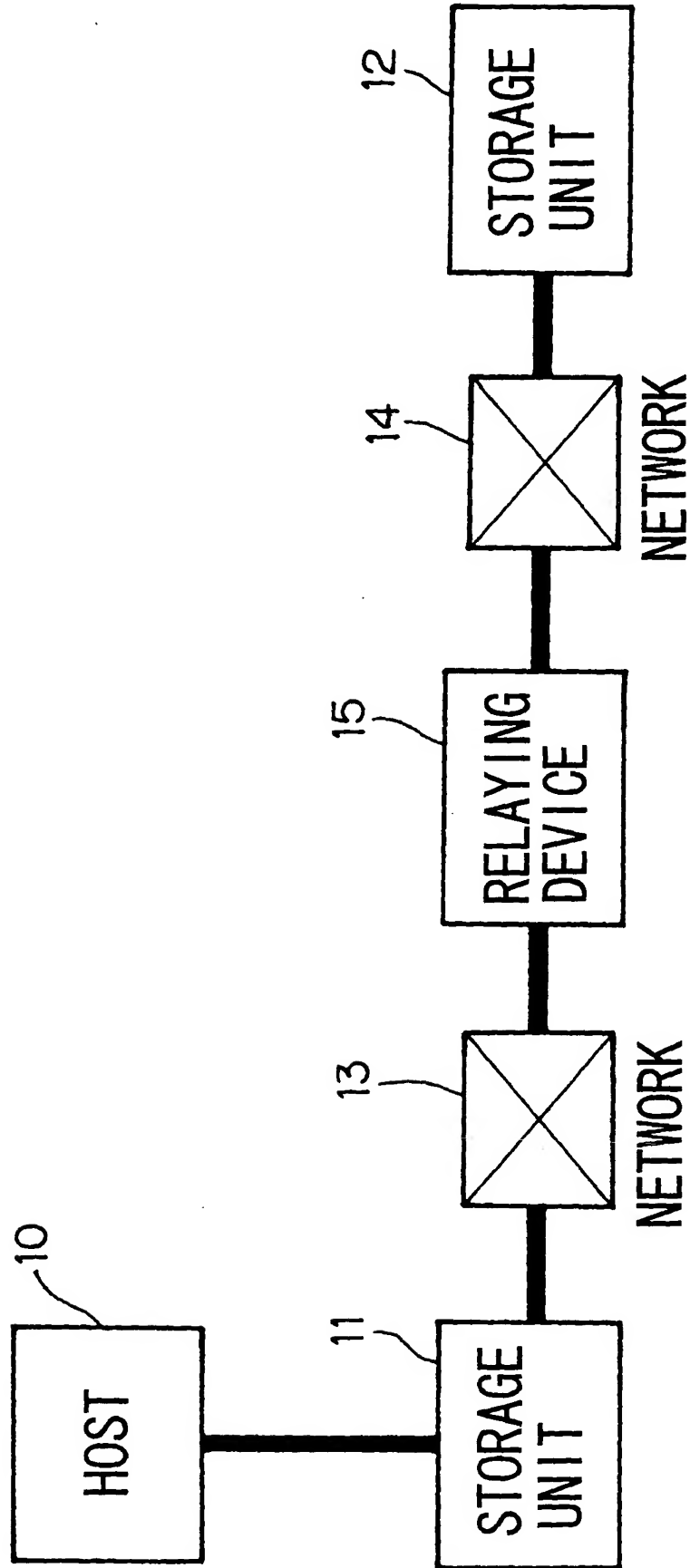


FIG . 2

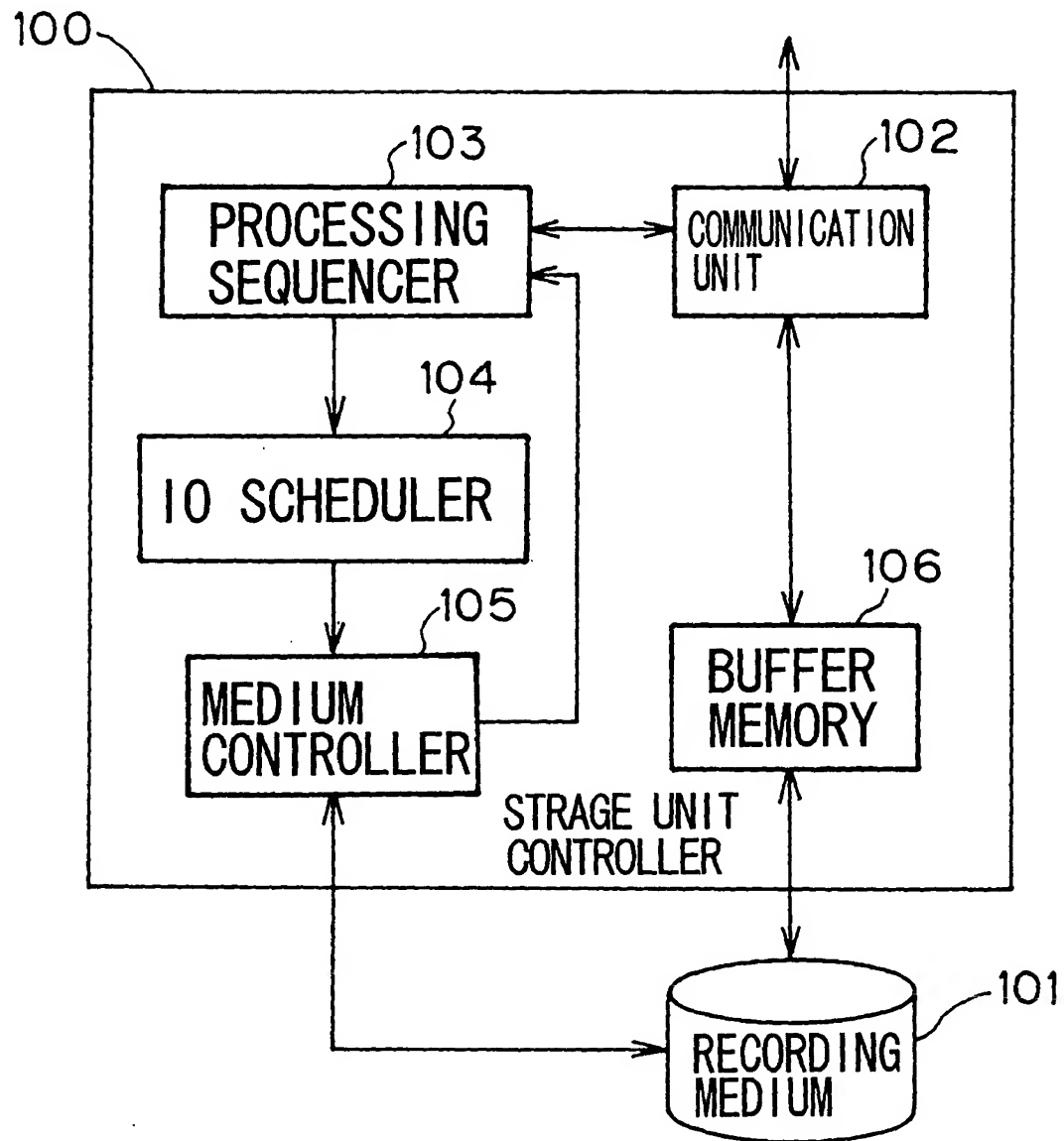


FIG . 3

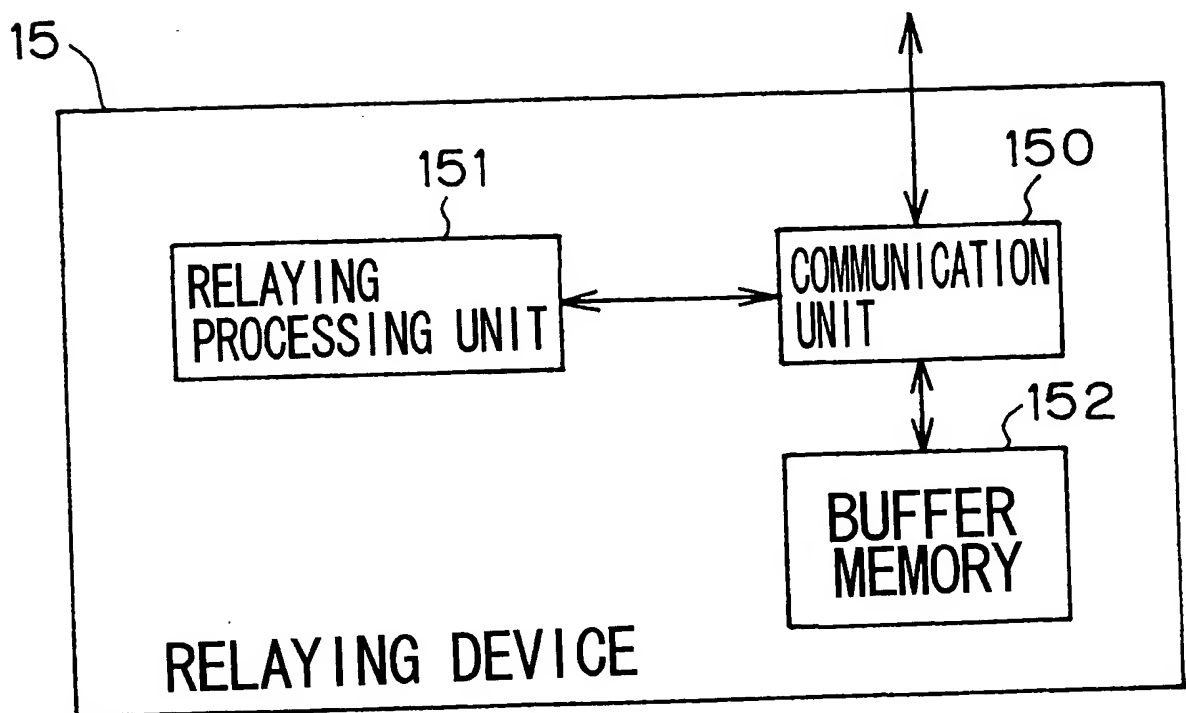


FIG. 4

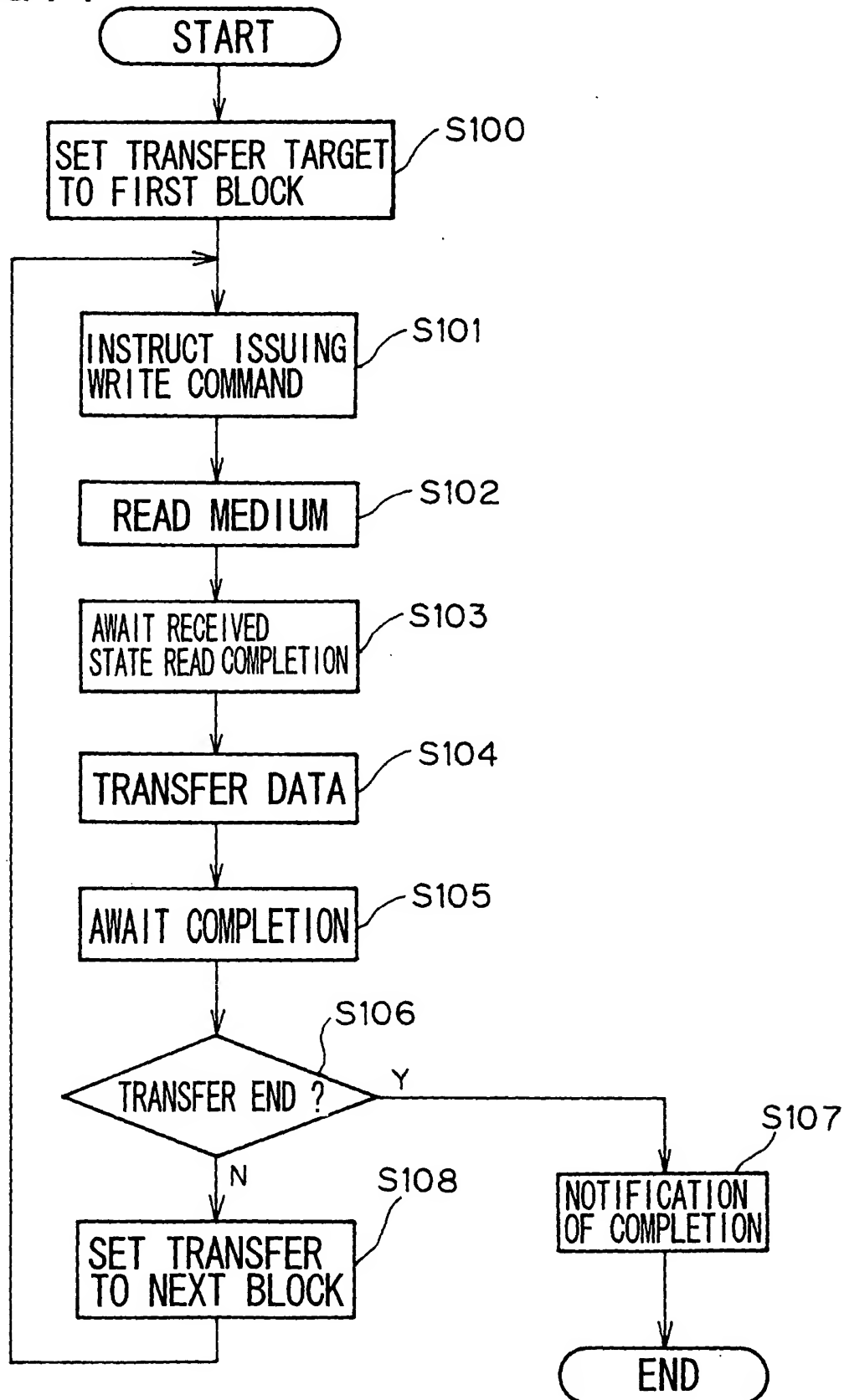


FIG. 5

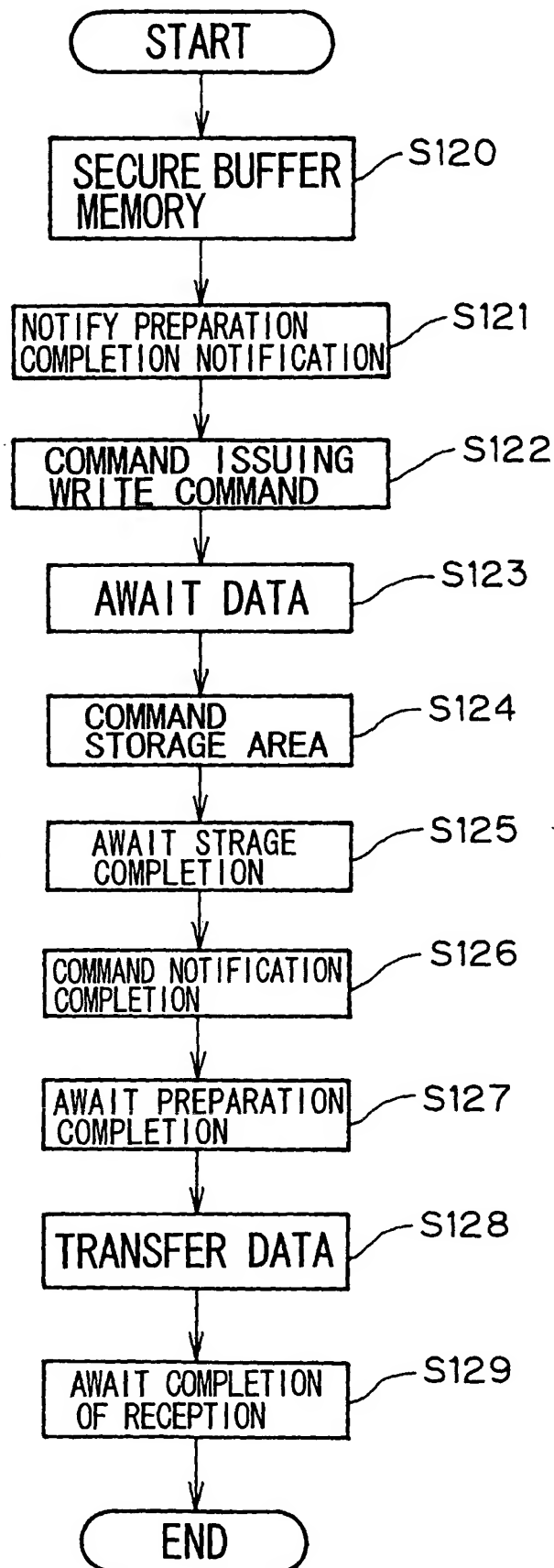


FIG . 6

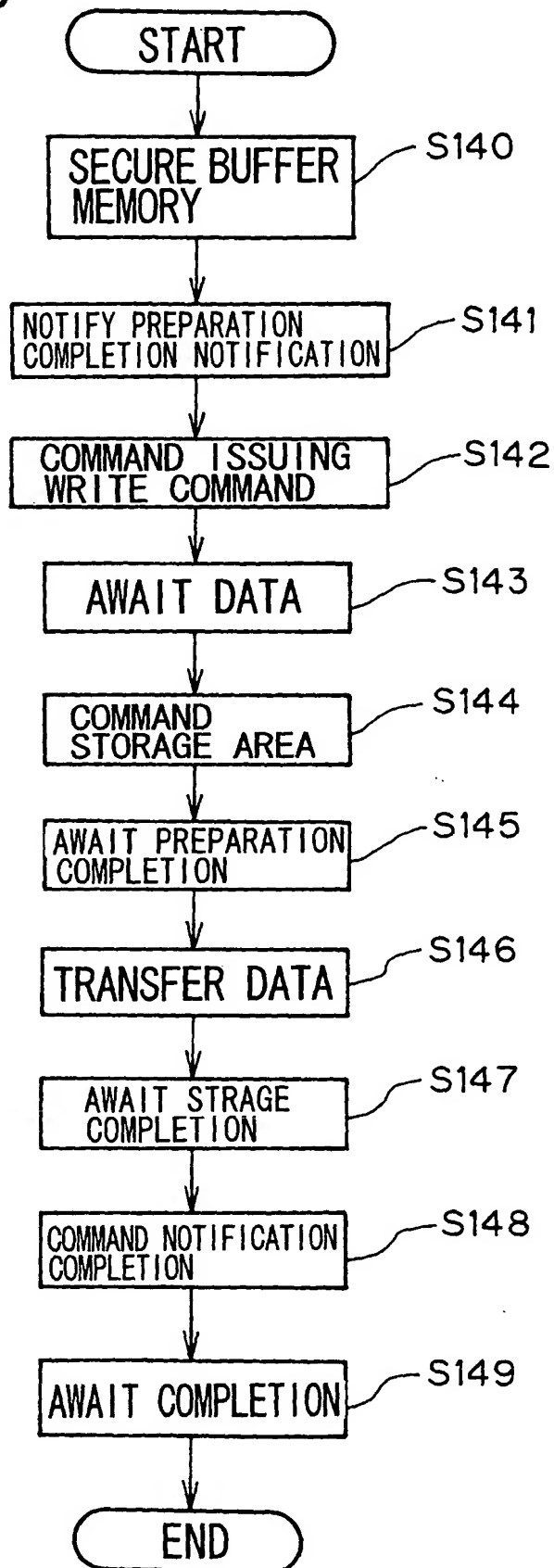
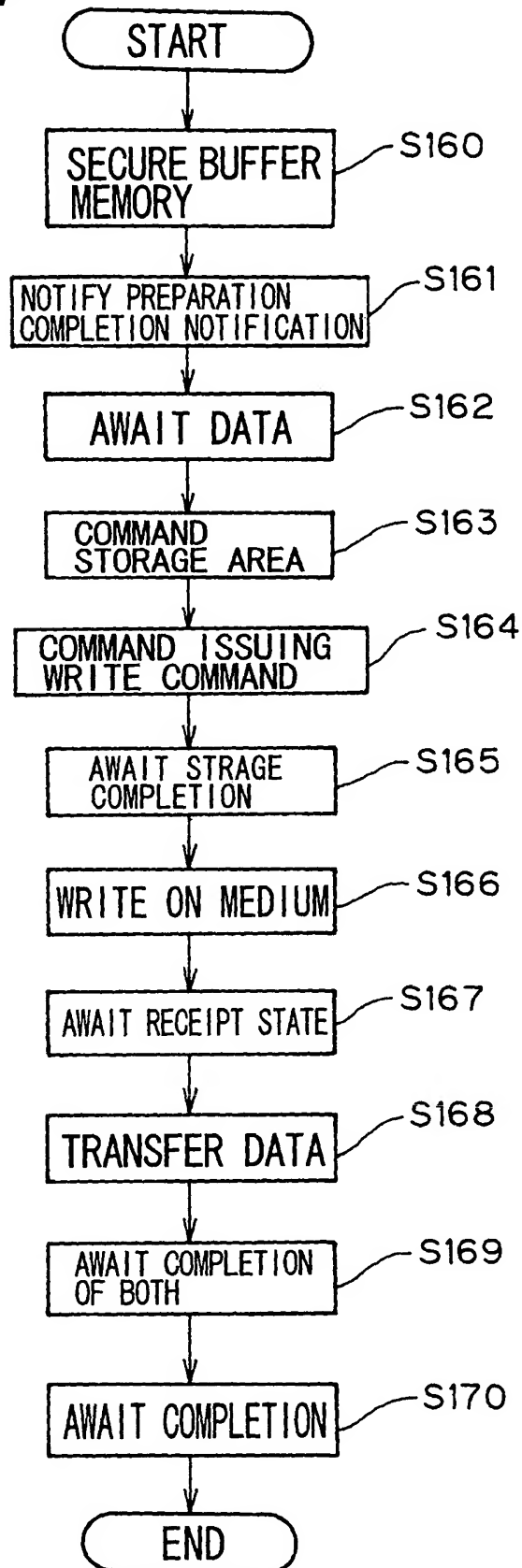


FIG. 7



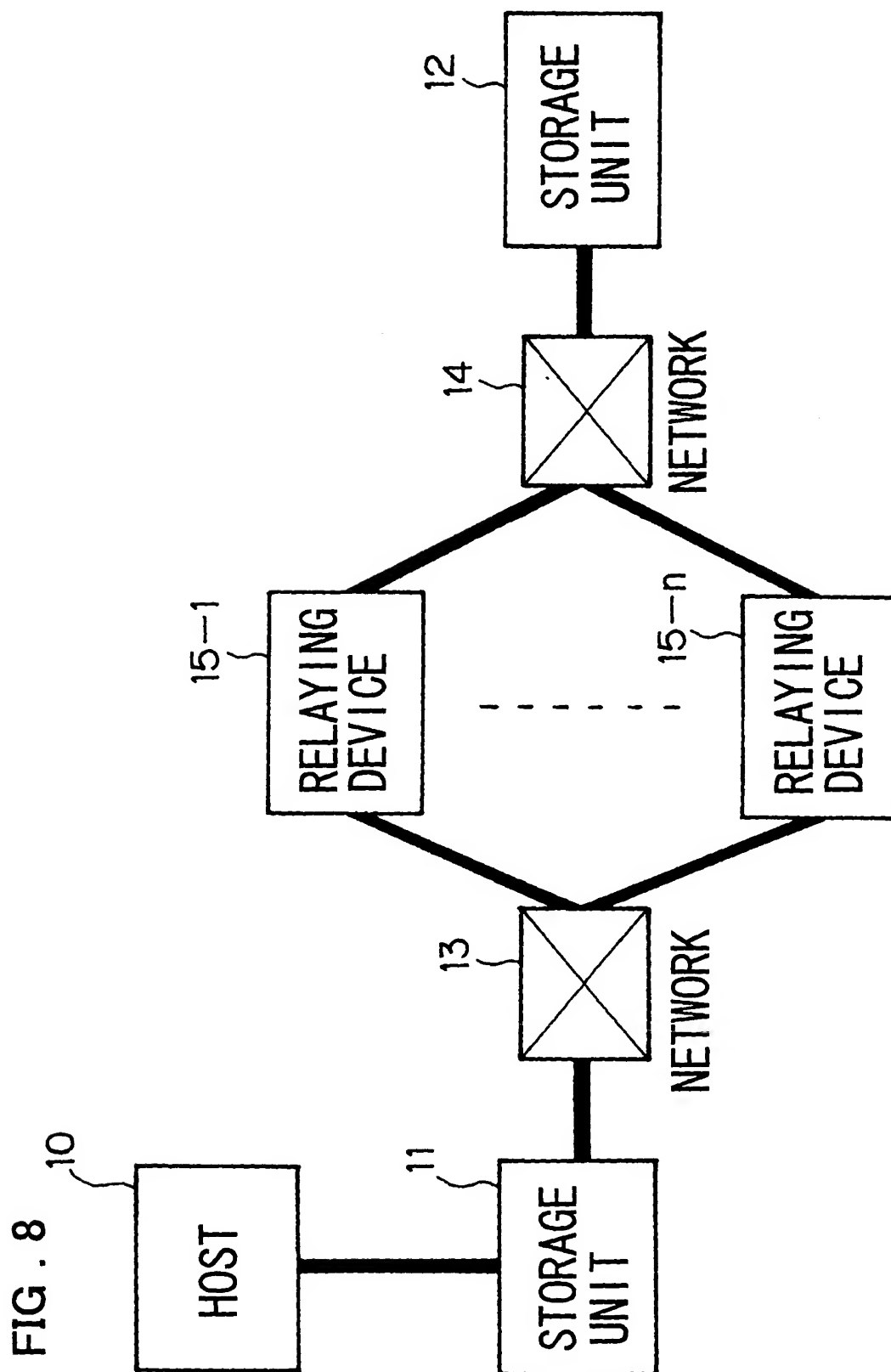




FIG. 9

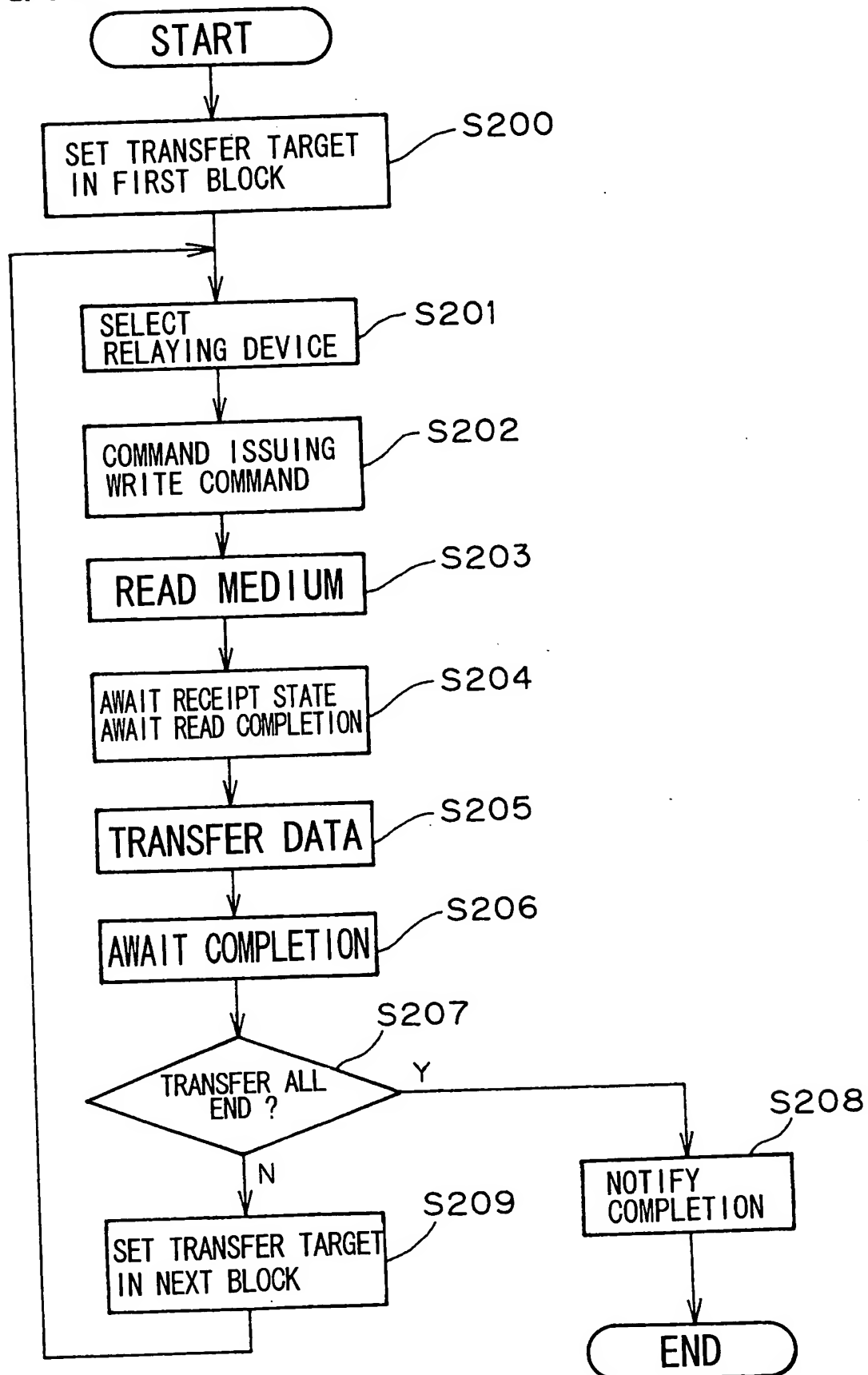


FIG. 10

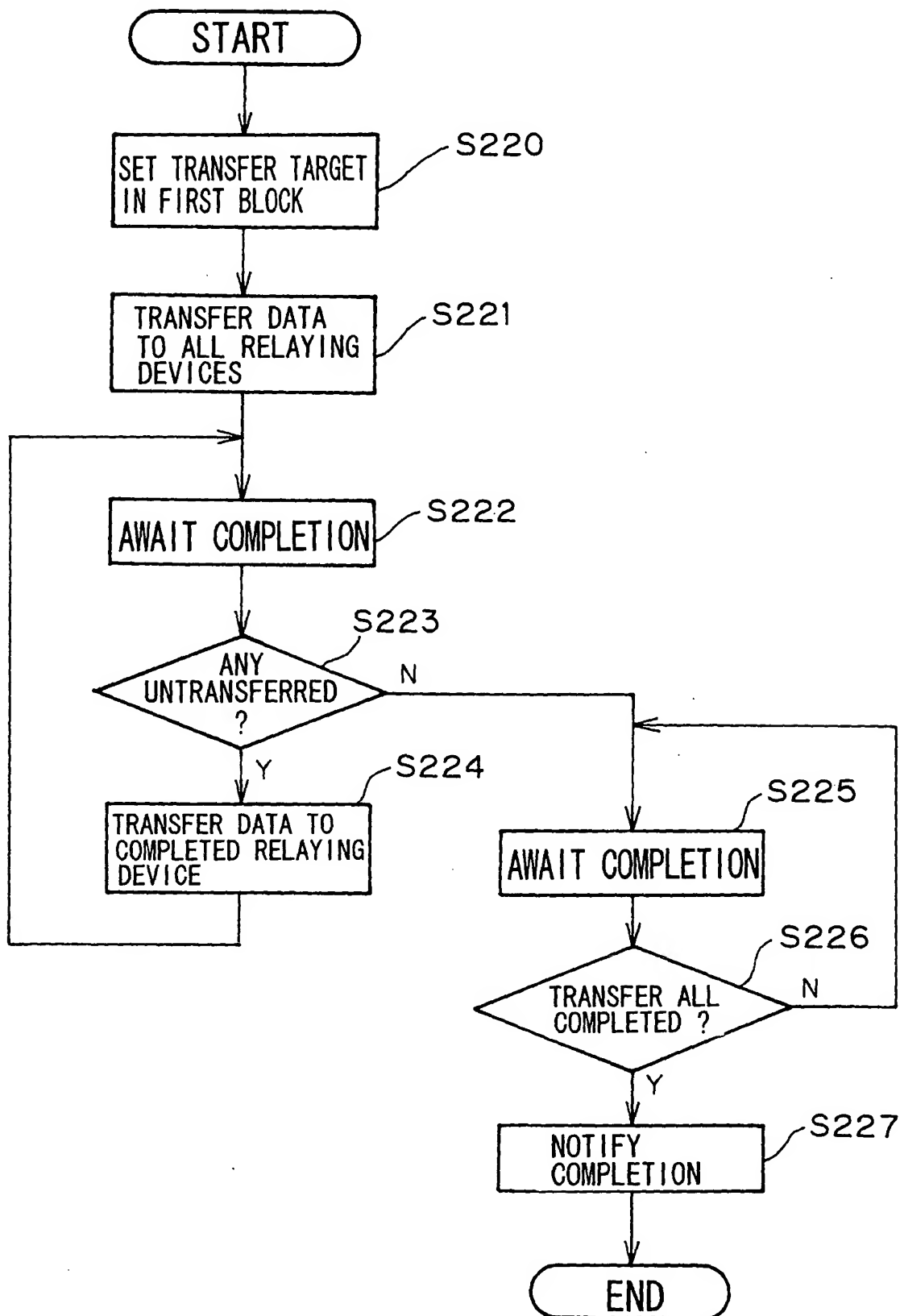
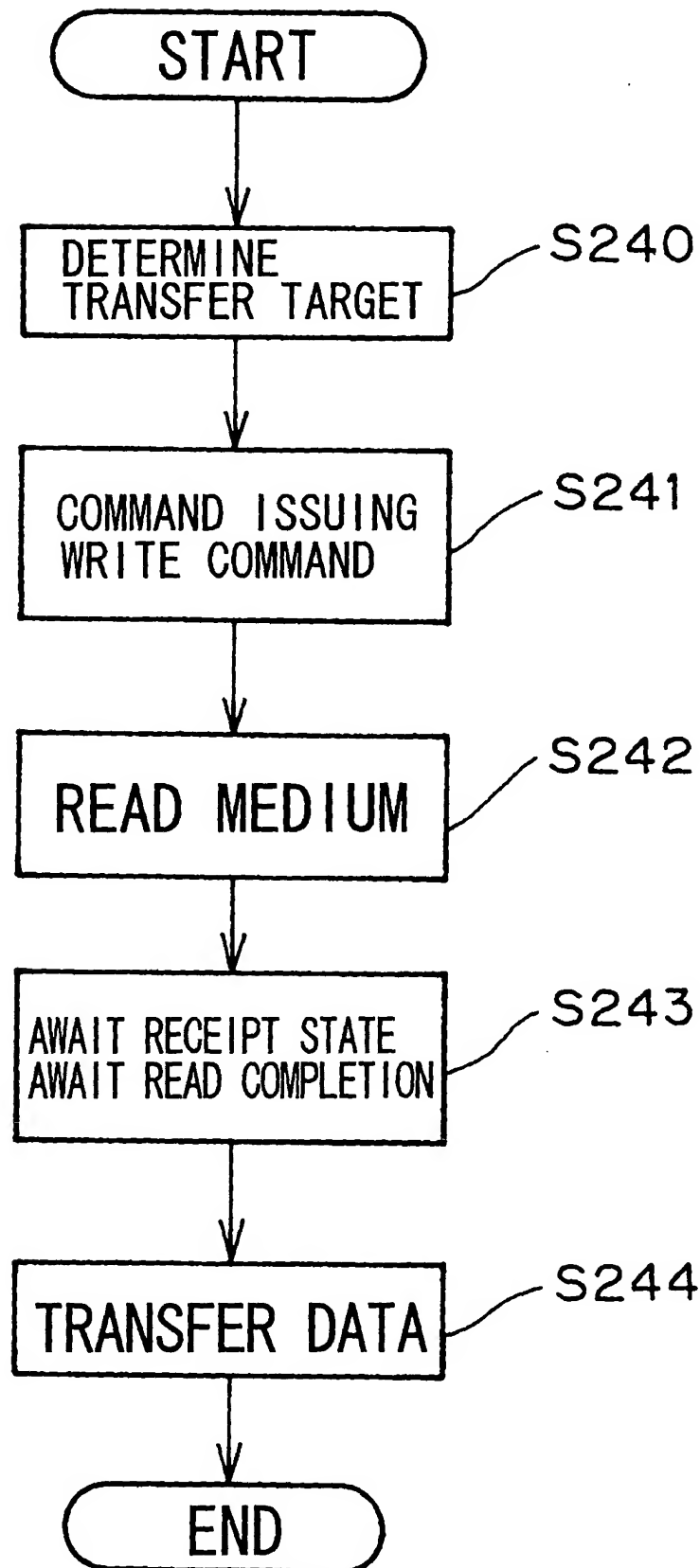


FIG. 11



**FIG. 12**

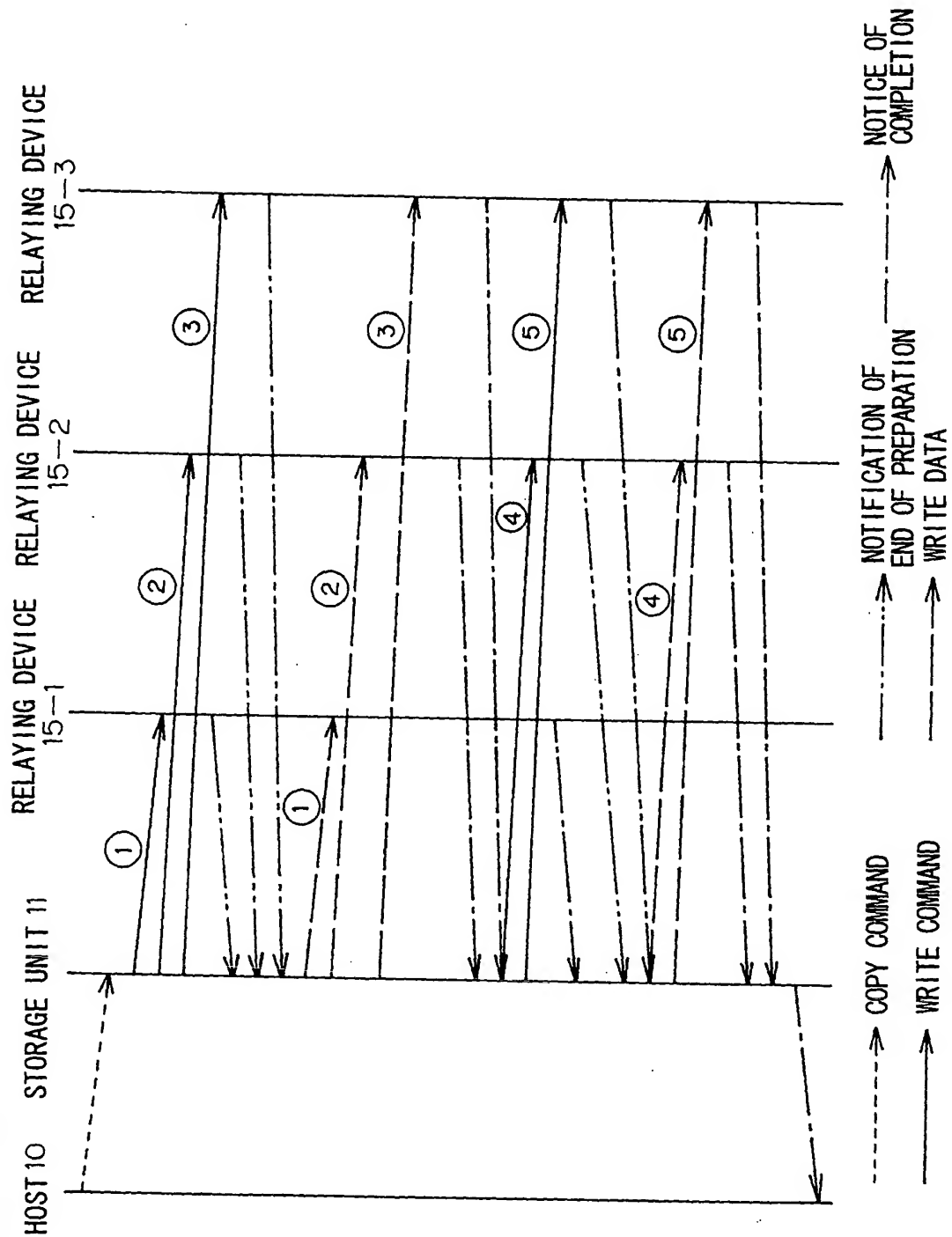


FIG . 13

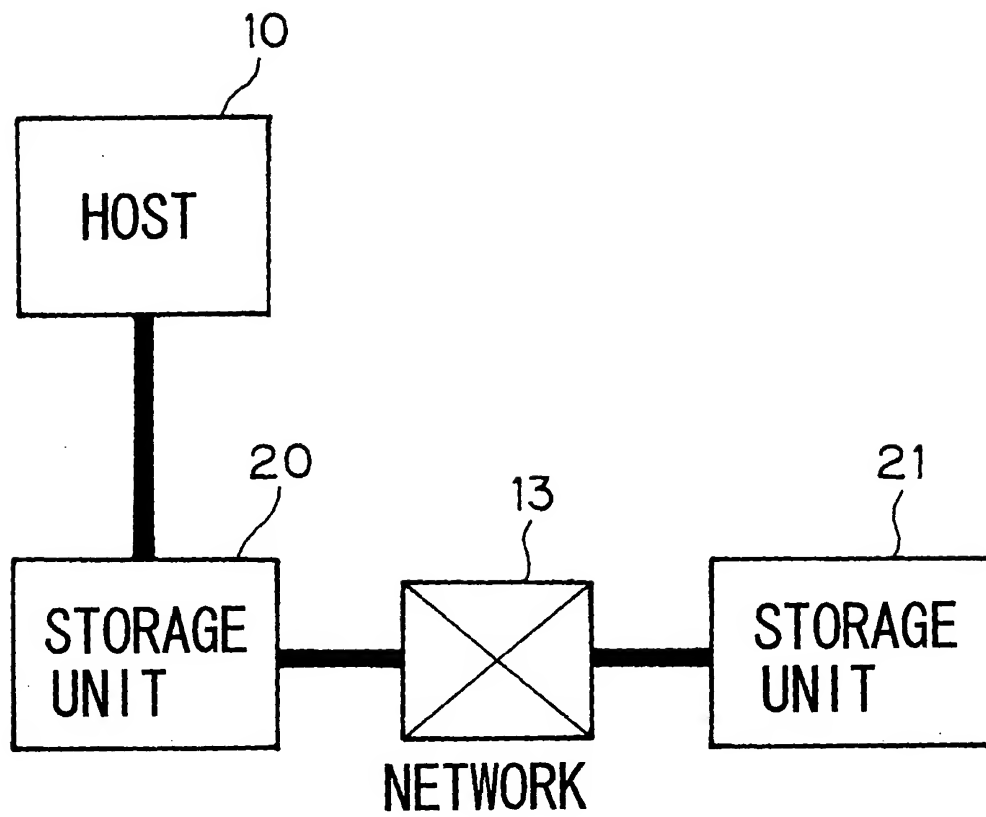


FIG. 14

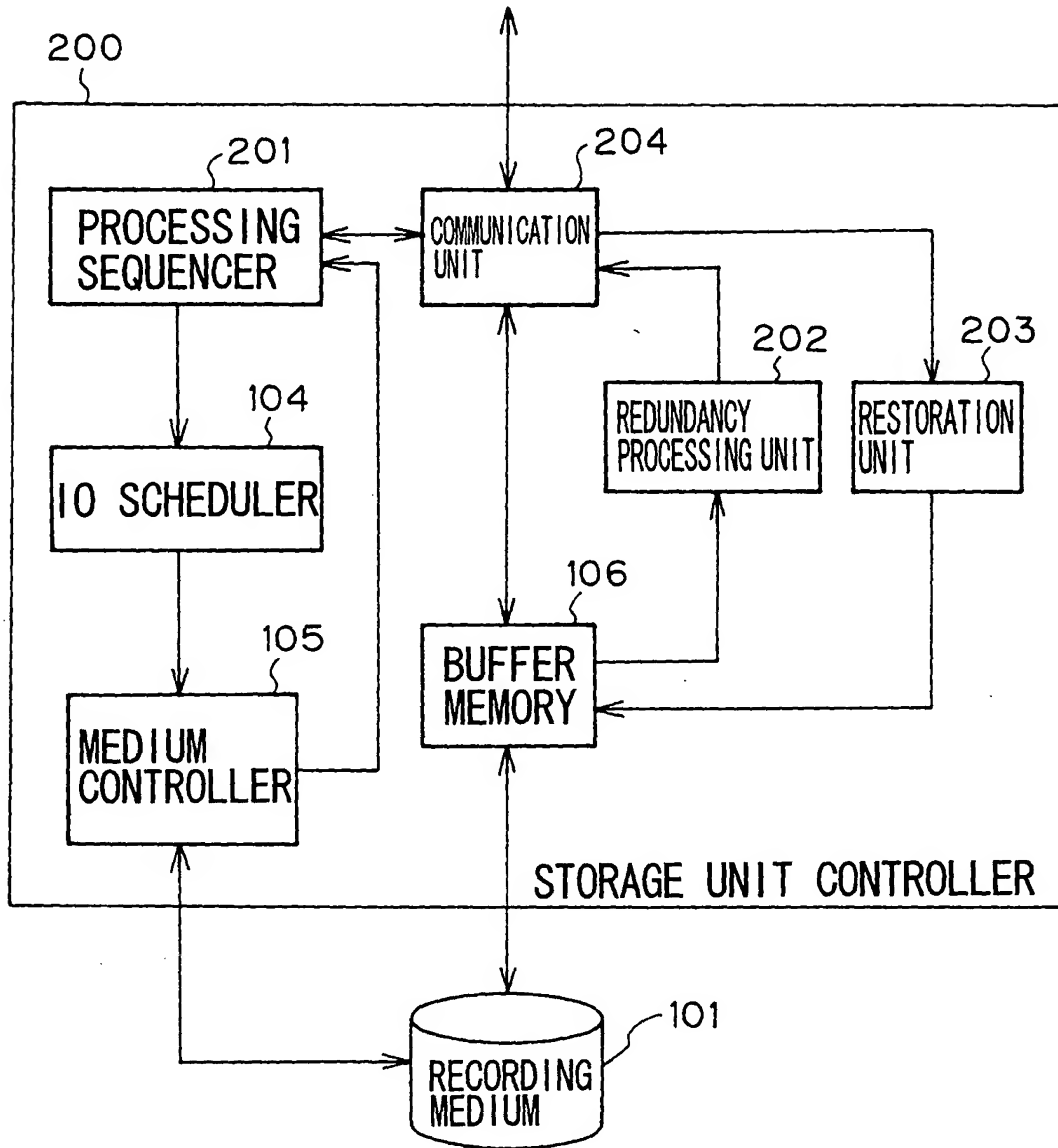


FIG. 15

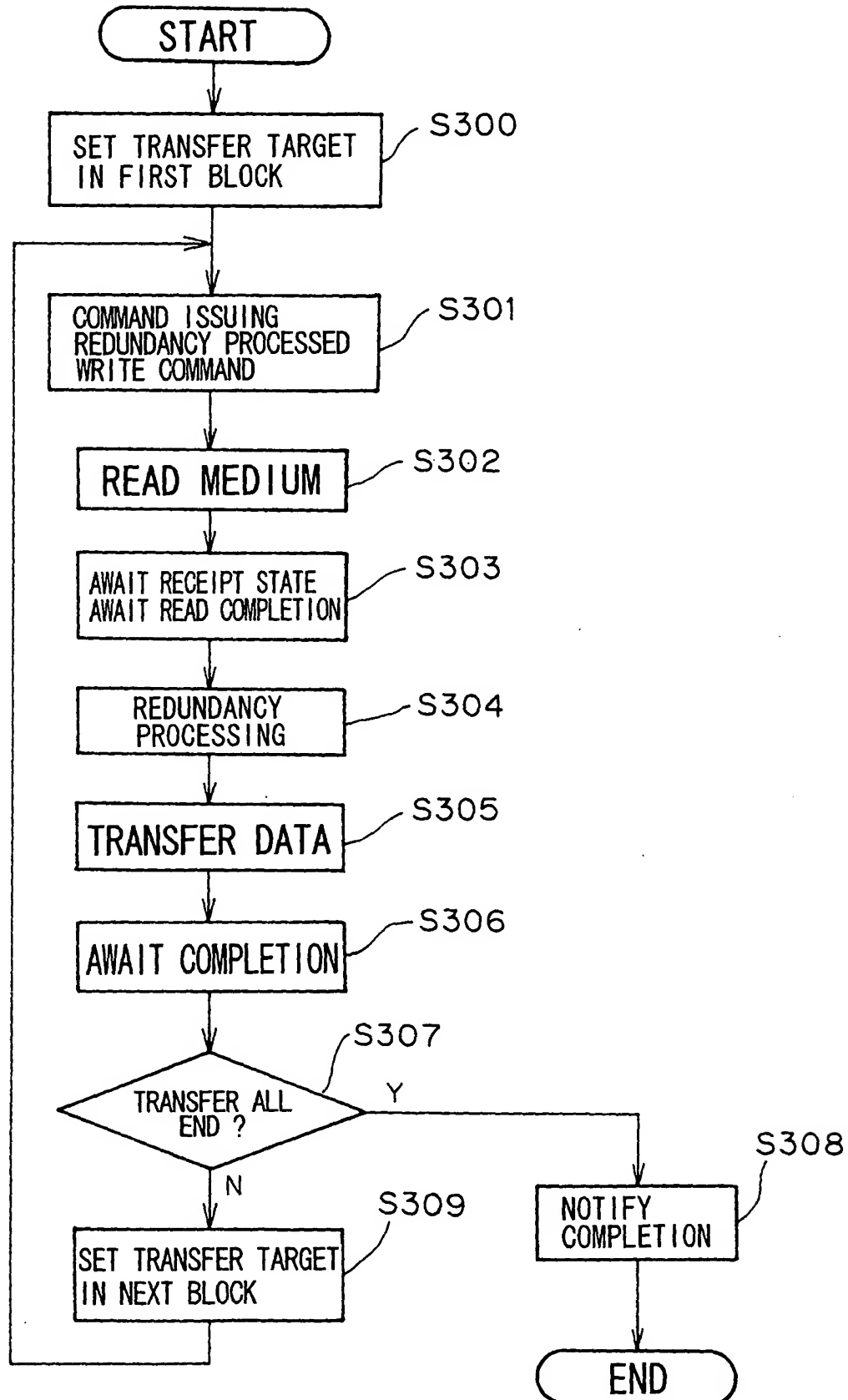


FIG . 16

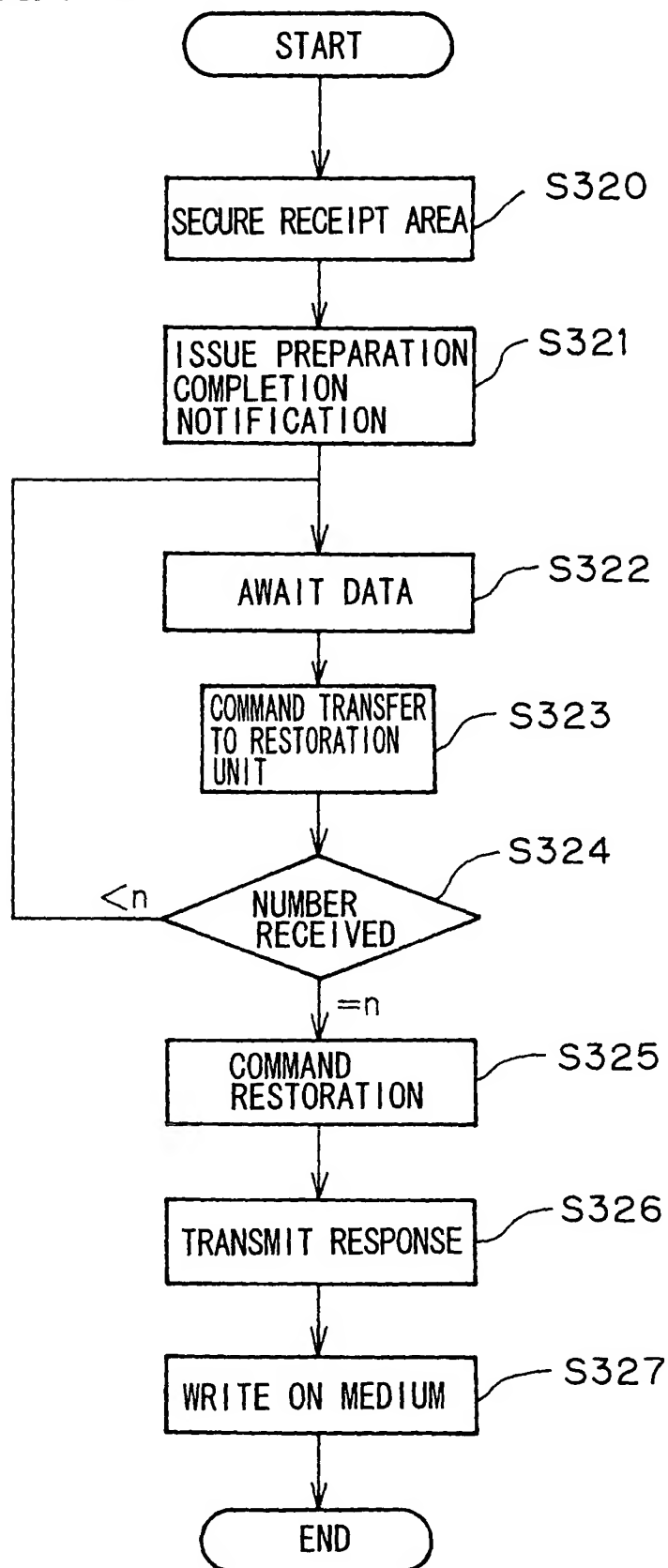




FIG . 17

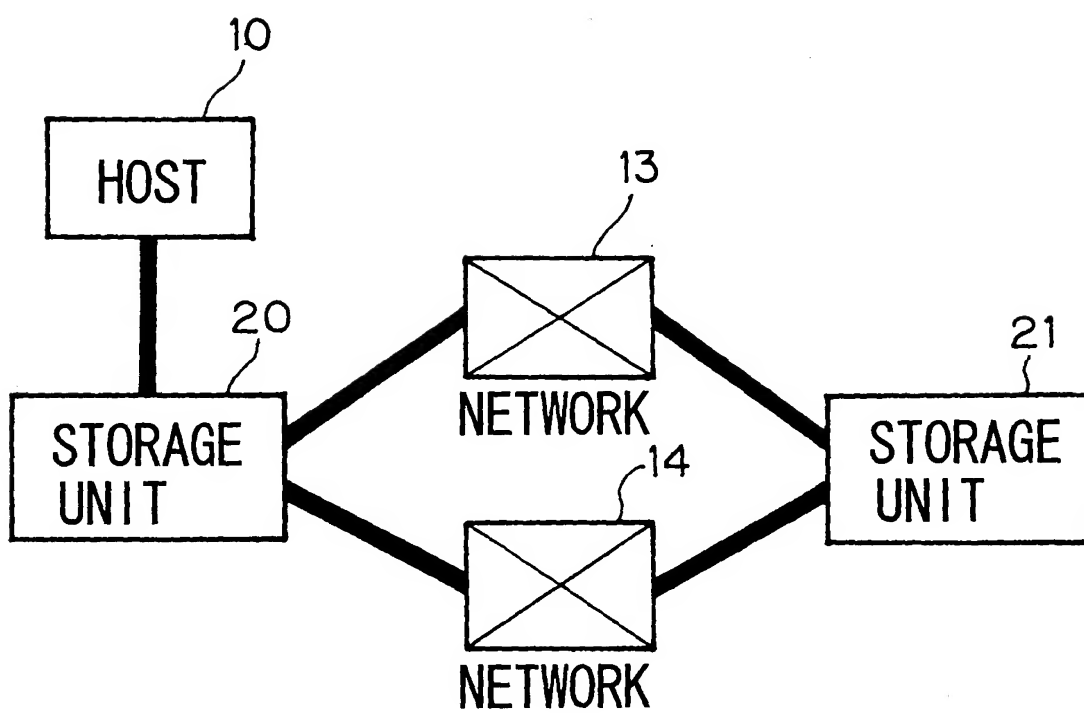


FIG. 18

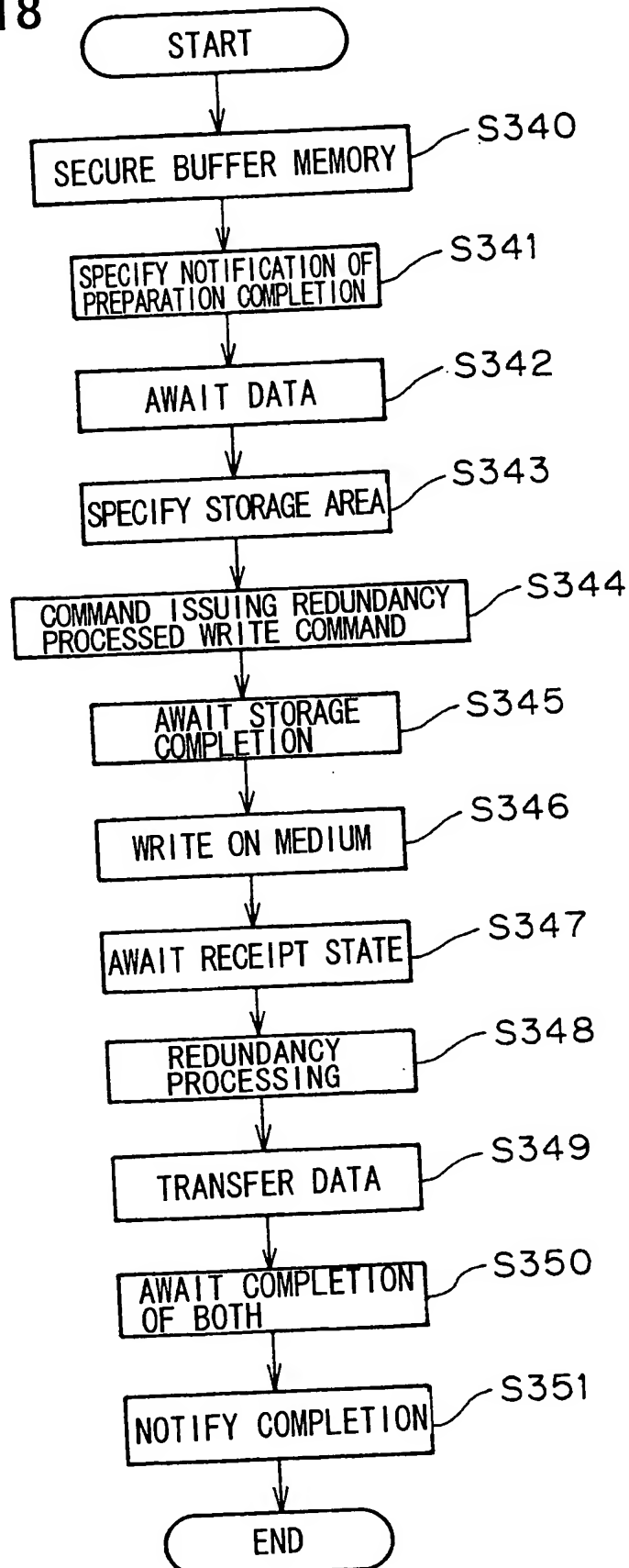


FIG . 19

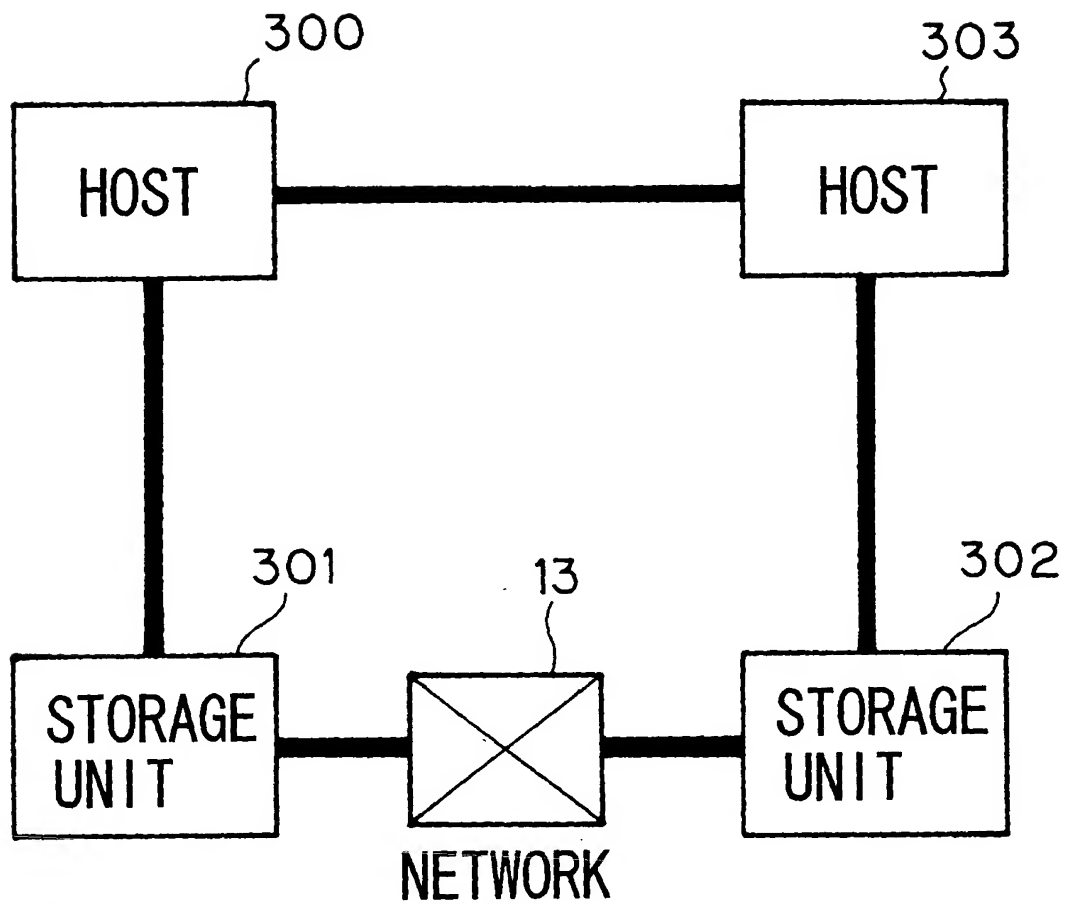


FIG . 20

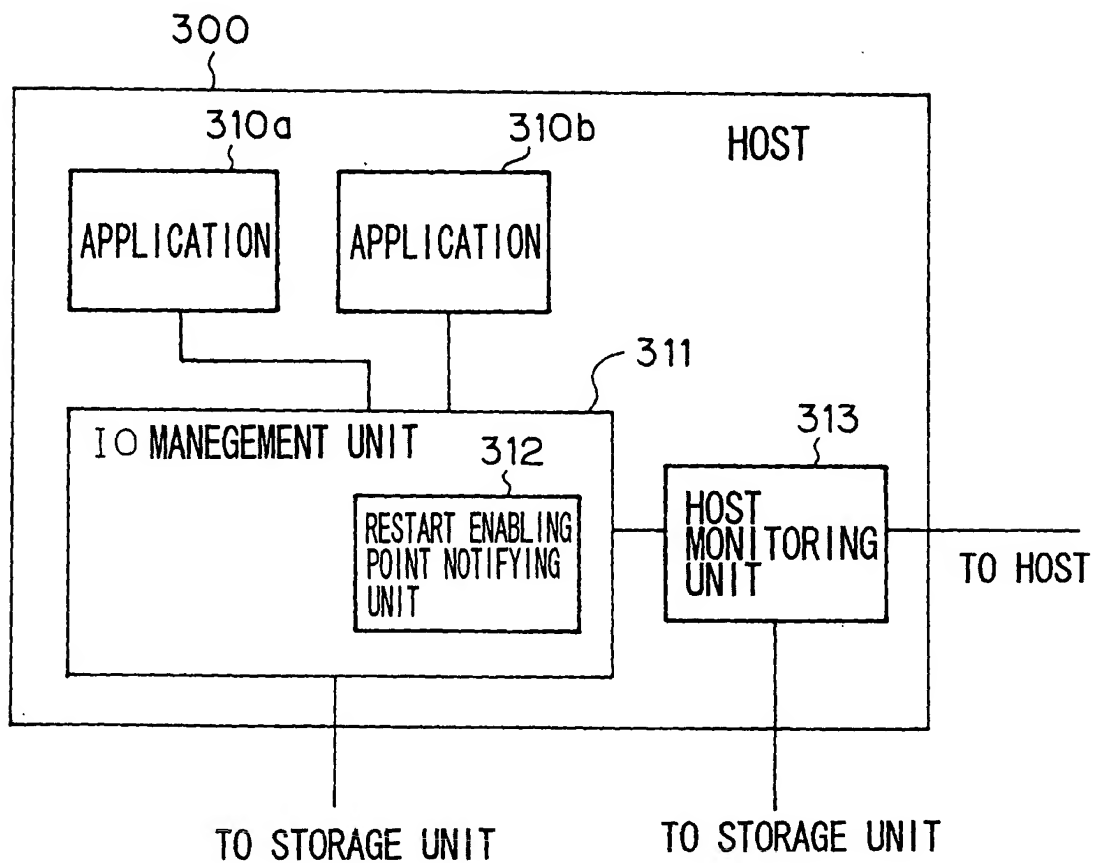
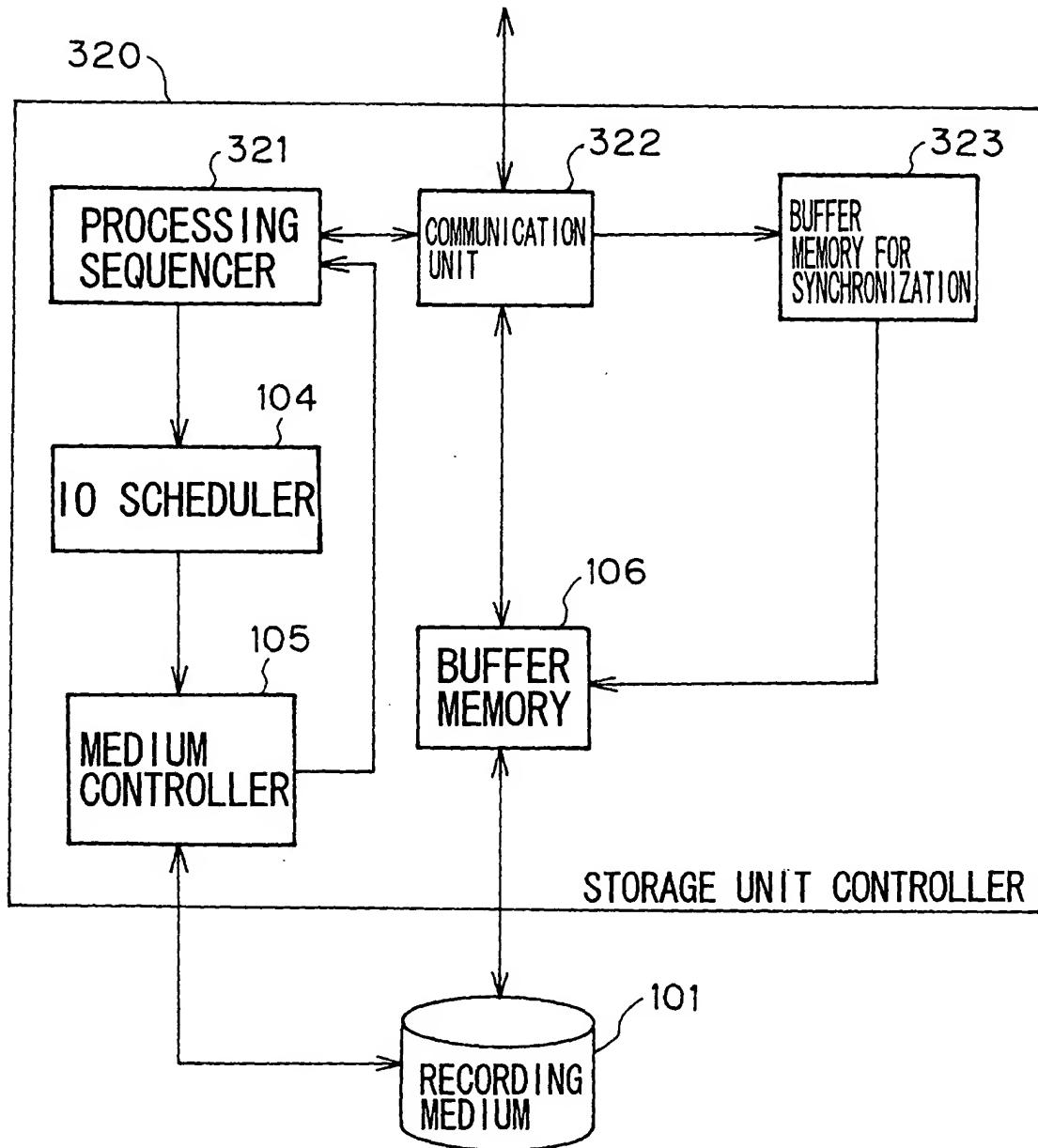


FIG. 21



**FIG. 22**

SYNCHRONIZATION ID ISSUING ID	RESTART ENABLING POINT (SYNCHRONIZATION ID UPDATE)			RESTART ENABLING POINT (SYNCHRONIZATION ID UPDATE)			RESTART ENABLING POINT (SYNCHRONIZATION ID UPDATE)		
	DELAY DATA REFLECTING COMMAND	DELAY WRITE COMMAND	DELAY WRITE COMMAND	DELAY WRITE COMMAND	DELAY WRITE COMMAND	DELAY DATA REFLECTING COMMAND	DELAY WRITE COMMAND	DELAY WRITE COMMAND	DELAY DATA REFLECTING COMMAND
23	24	24	24	24	24	24	25	25	25
71	72	73	74	75	76	77	78	79	80

FIG . 23

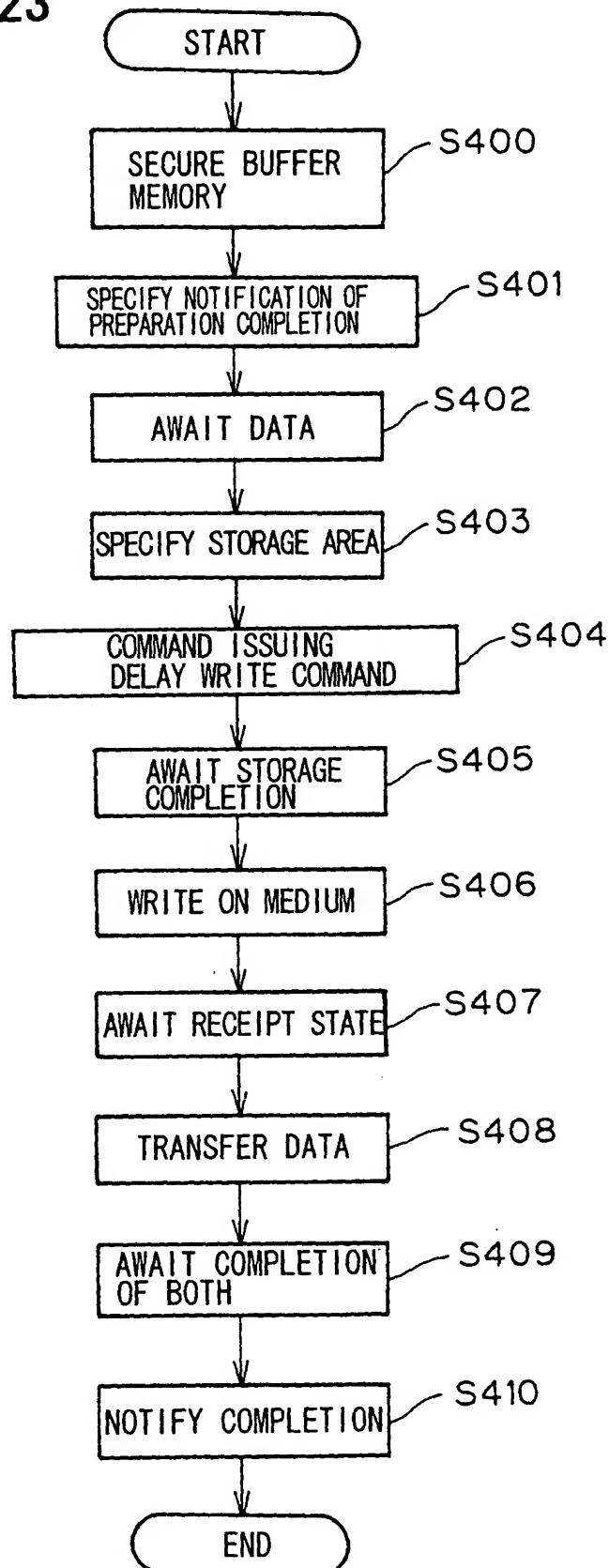


FIG . 24

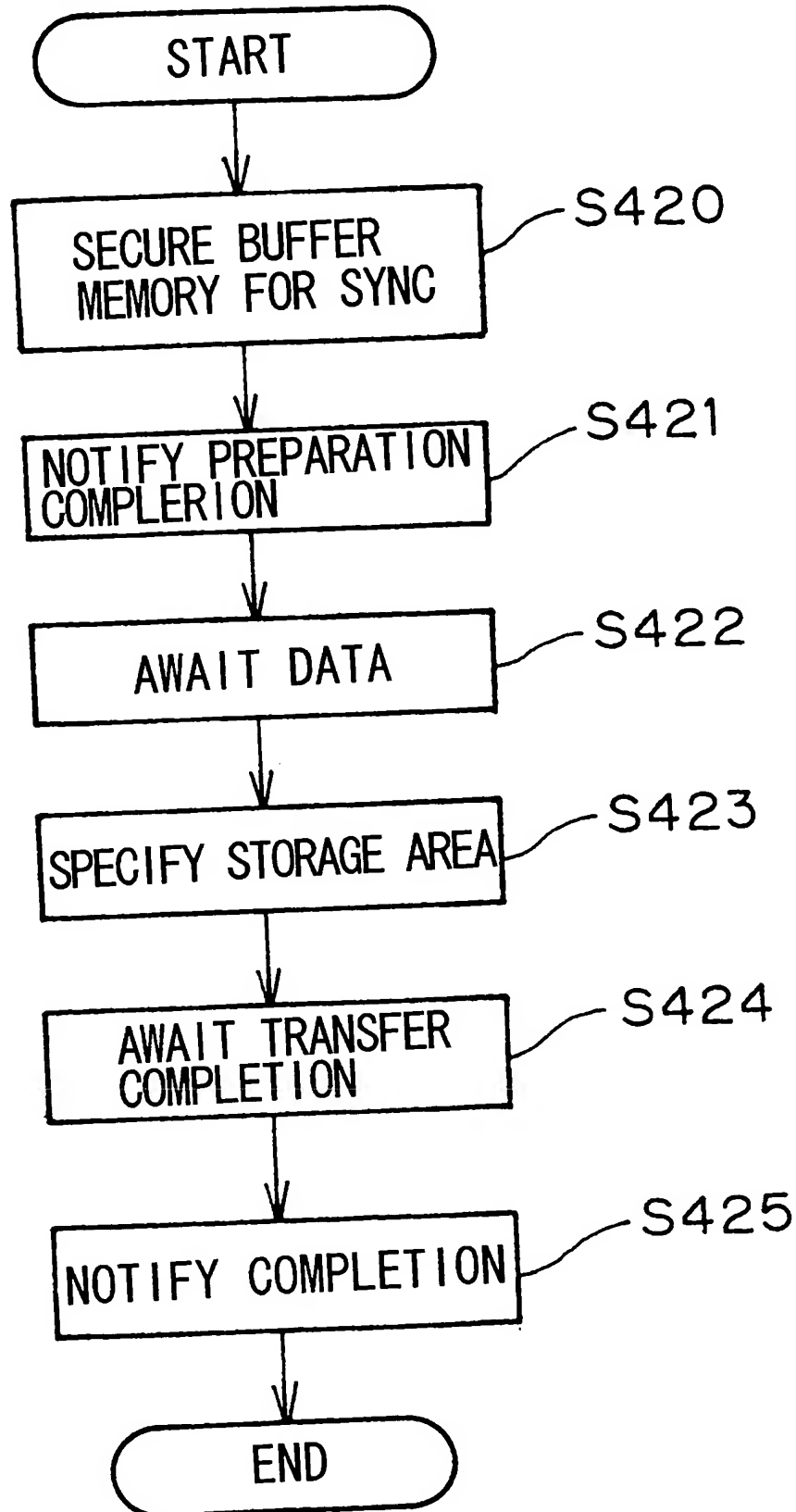




FIG . 25

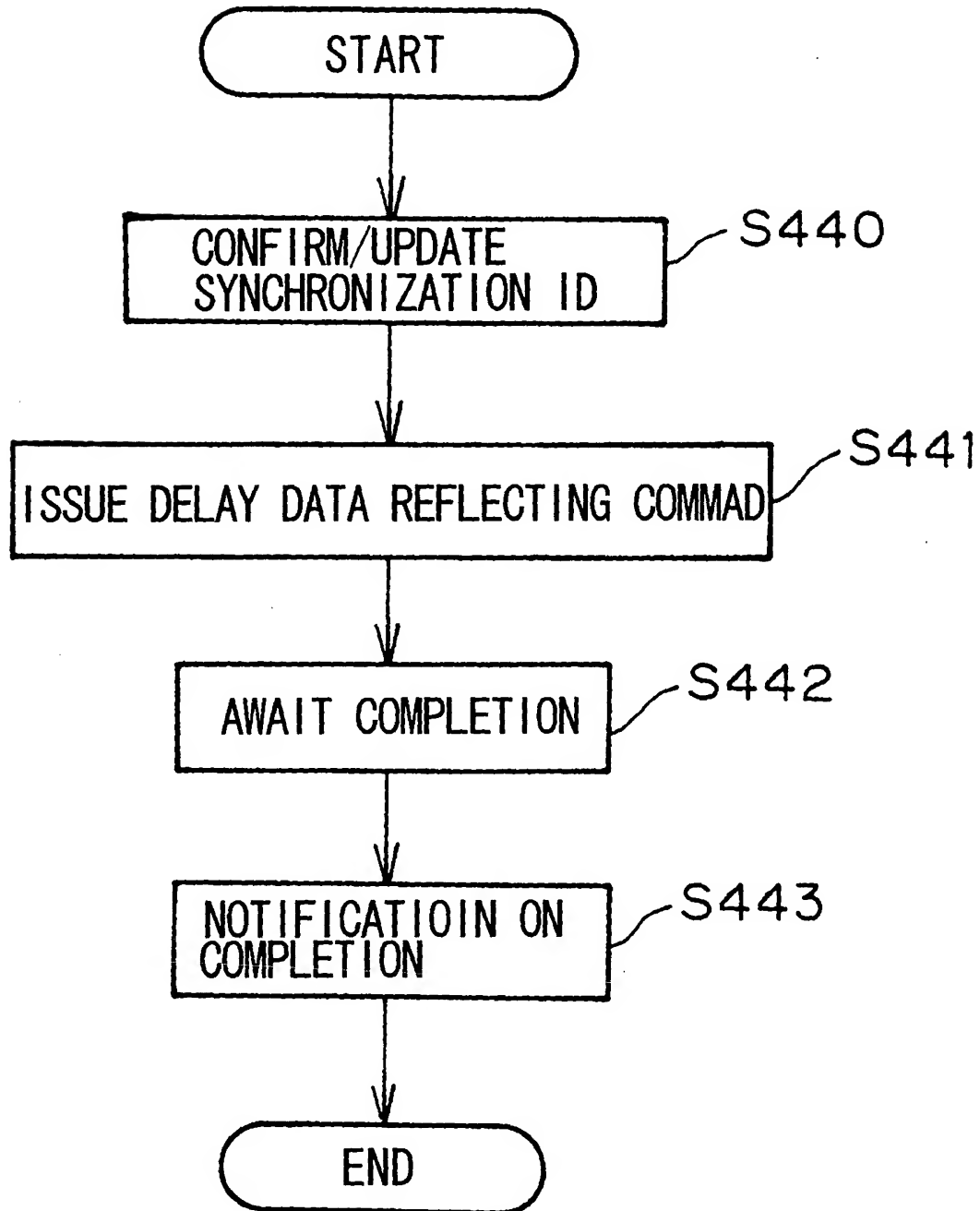


FIG . 26

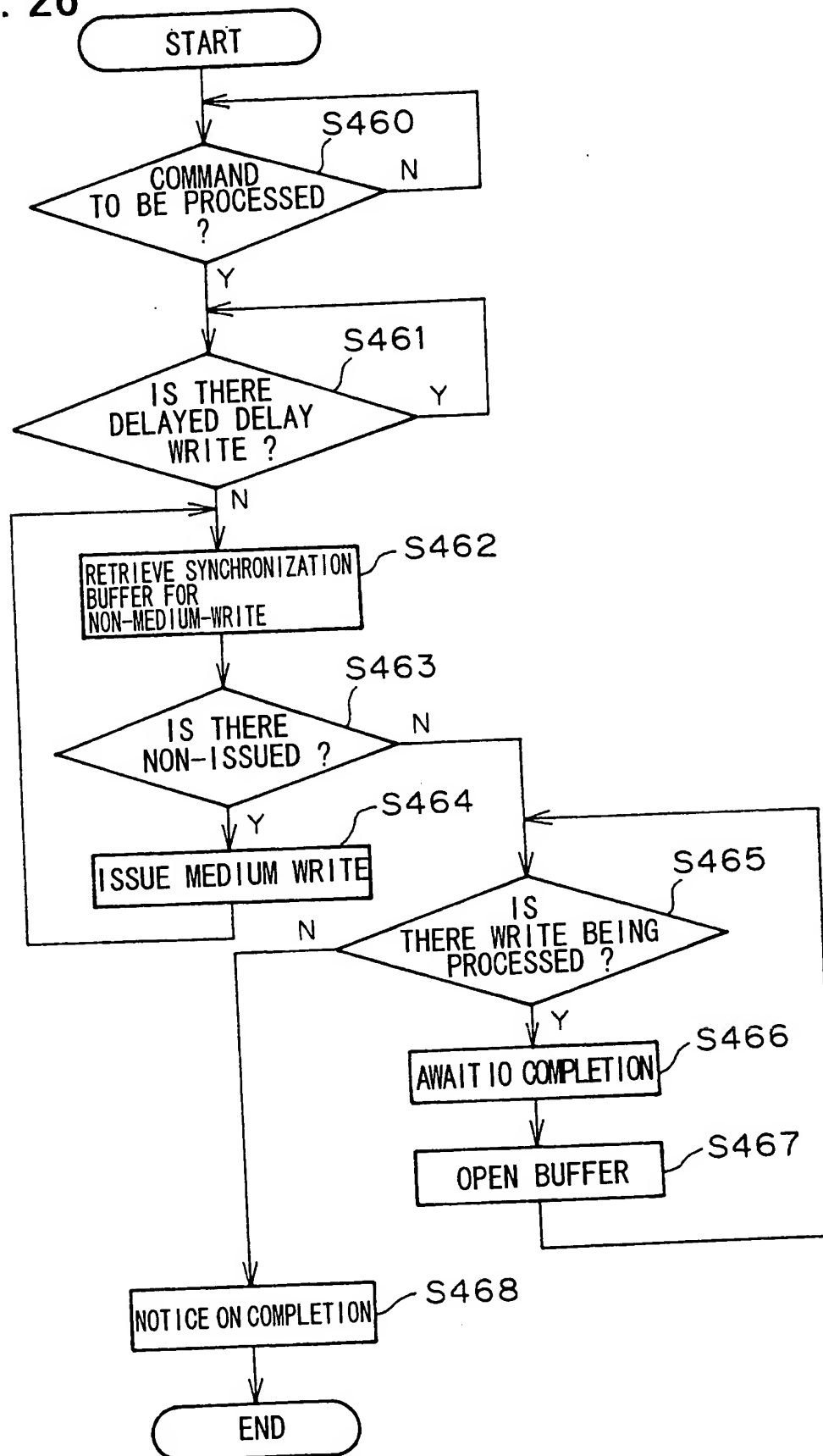


FIG . 27

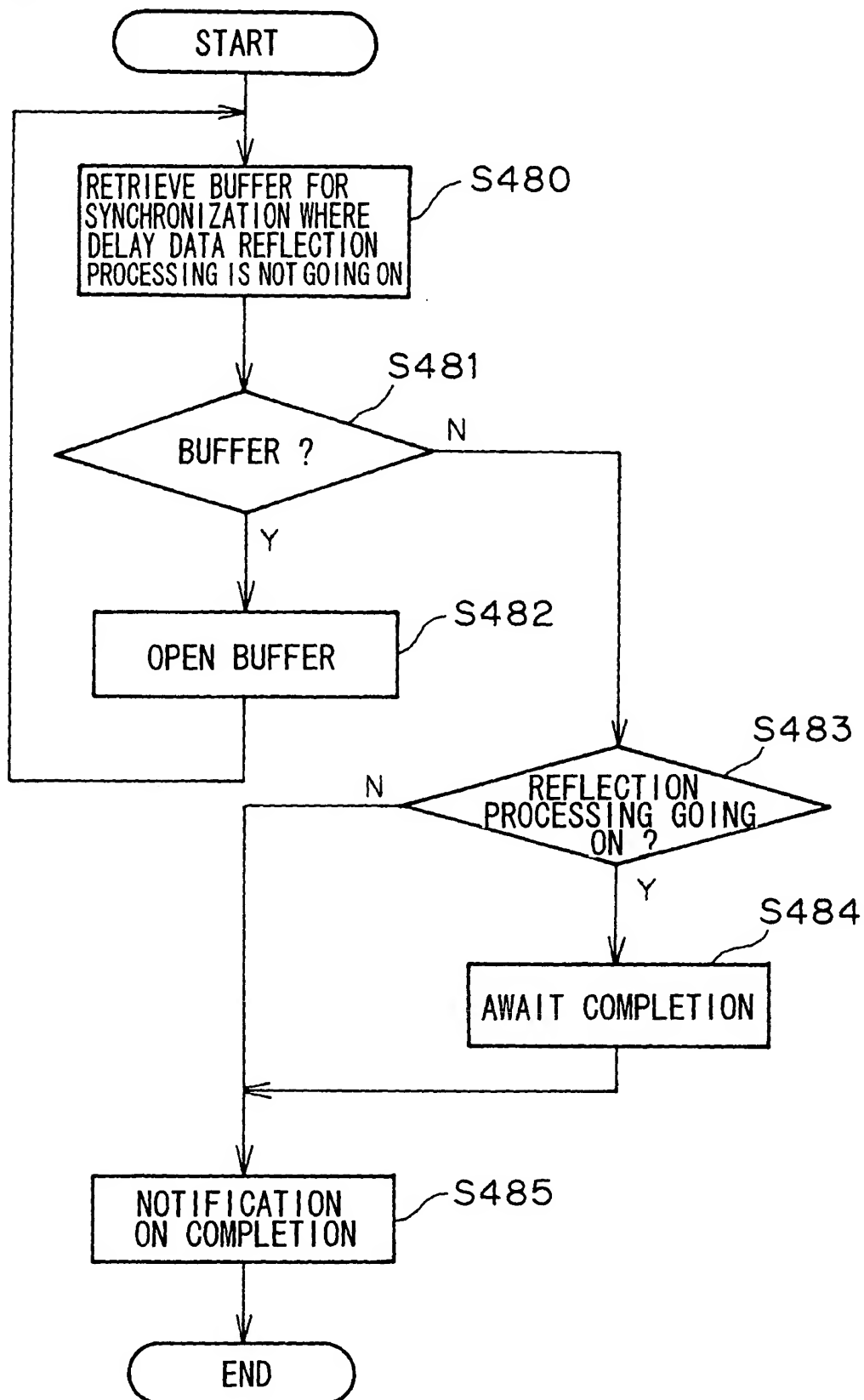


FIG . 28

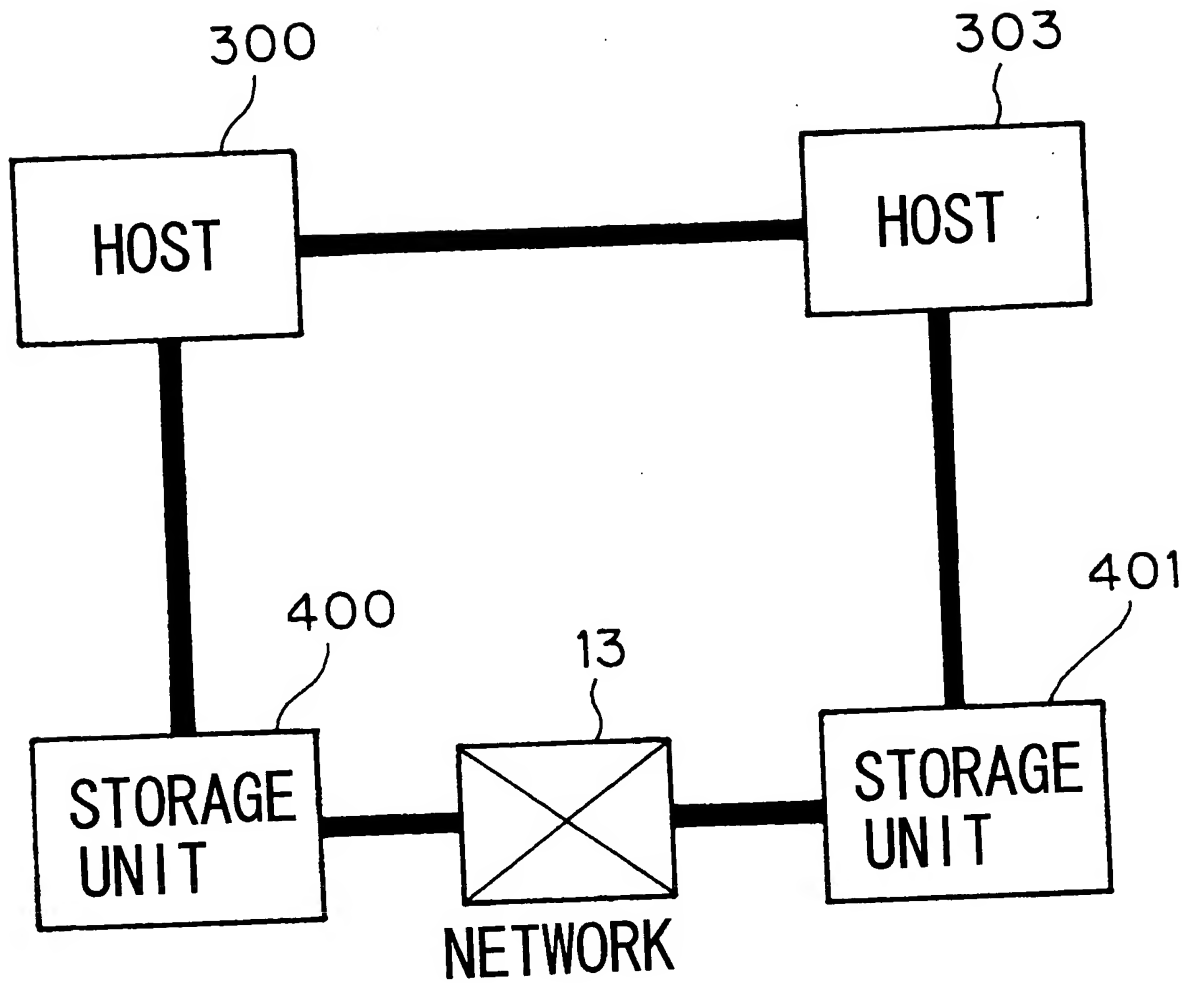


FIG . 29

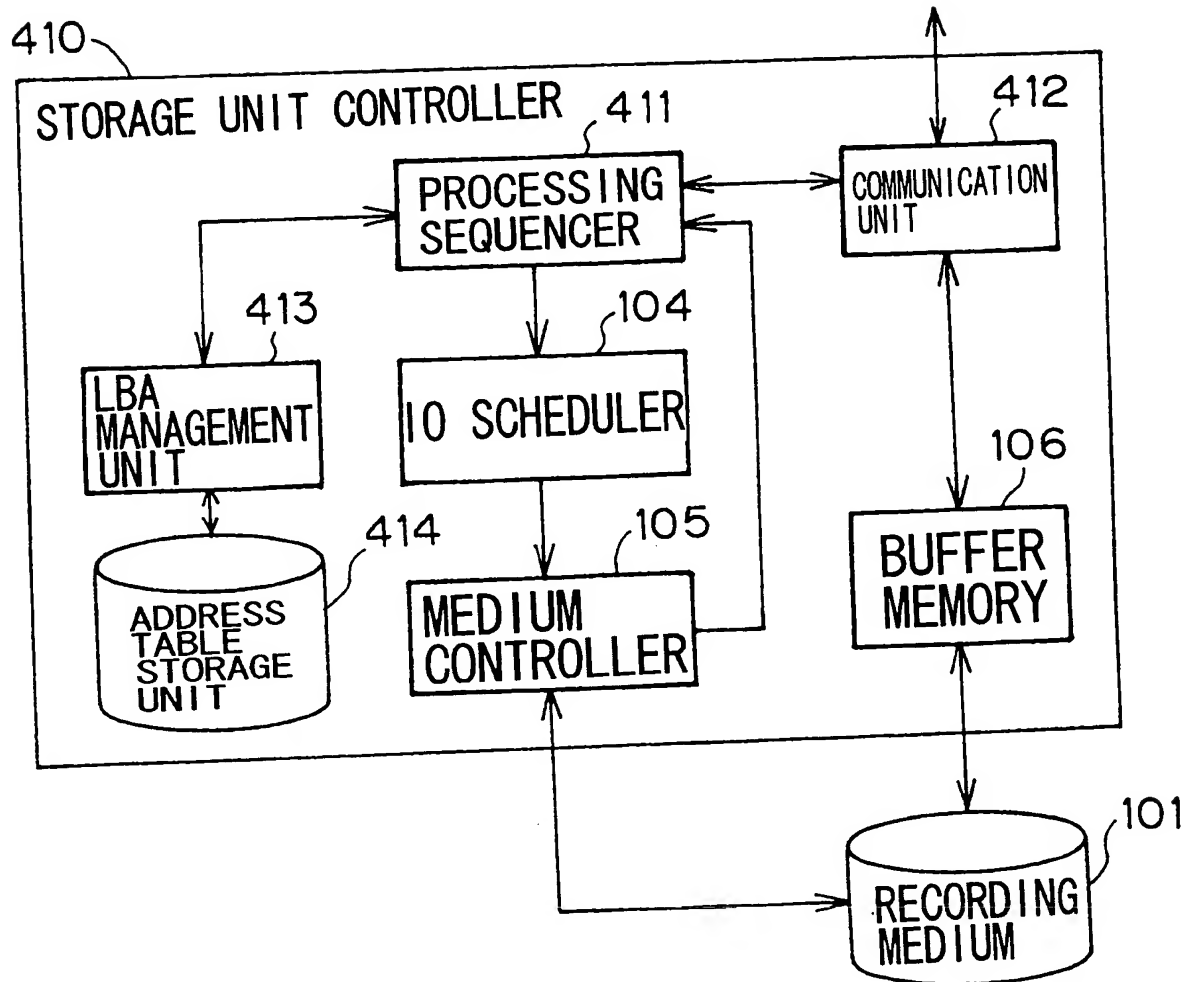


FIG . 30

420: ADDRESS TABLE

ENTRY FOR LOGICAL BLOCK 1	421-0
ENTRY FOR LOGICAL BLOCK 2	421-1
ENTRY FOR LOGICAL BLOCK 3	421-2
⋮	⋮
ENTRY FOR LOGICAL BLOCK n	421-n

FIG . 31A

ASSOCIATED WITH SNAP SHOT  
LOGICAL ADDRESS SPACE

ASSOCIATED WITH LATEST  
LOGICAL ADDRESS SPACE

ENTRY	PHYSICAL BLOCK NUMBER		FLAG	PHYSICAL BLOCK NUMBER		FLAG
	aaa		NOT CHANGED	aaa		NOT CHANGED

FIG . 31B

aaa	NOT CHANGED	aaa	NOT CHANGED
-----	----------------	-----	----------------

FIG . 31C

aaa	NOT CHANGED	bbb	CHANGED
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FIG . 31D

bbb	CHANGED	bbb	NOT CHANGED
-----	---------	-----	----------------

FIG. 32

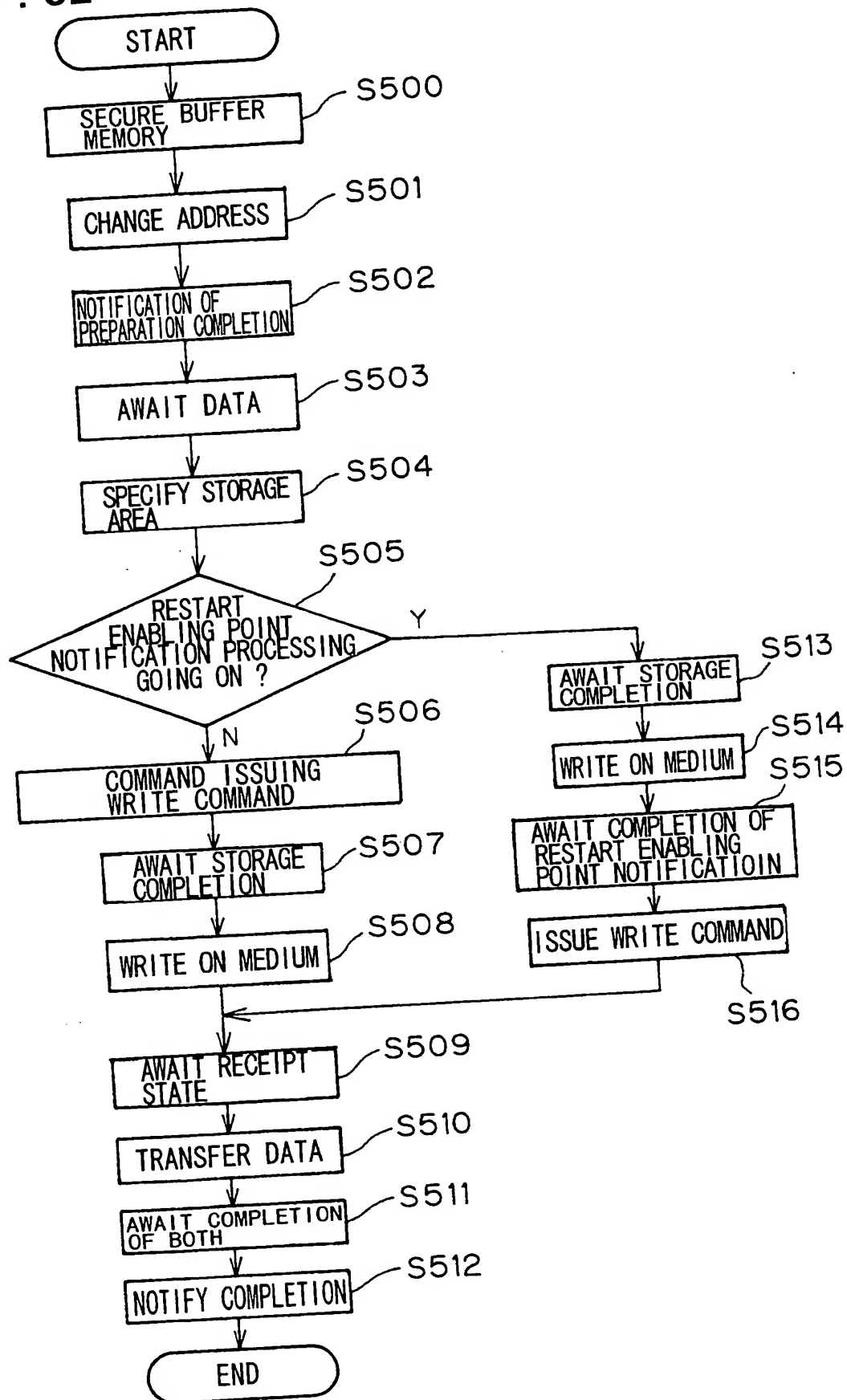




FIG. 33

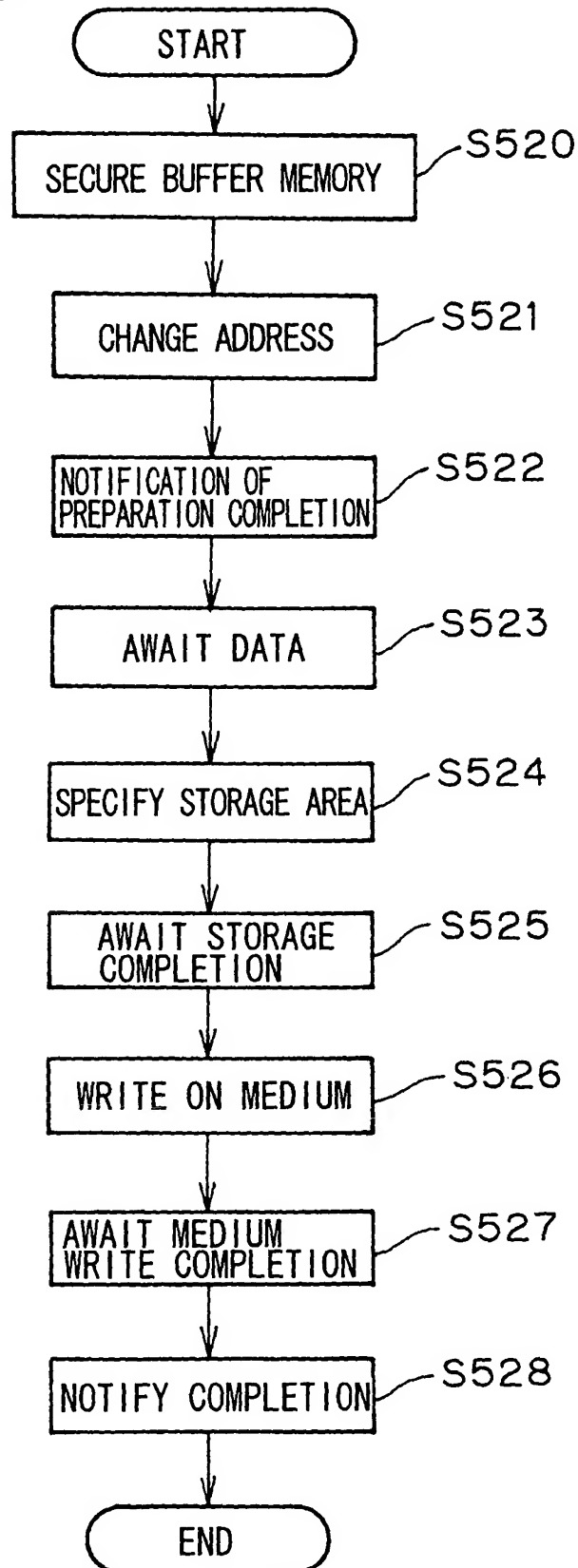


FIG . 34

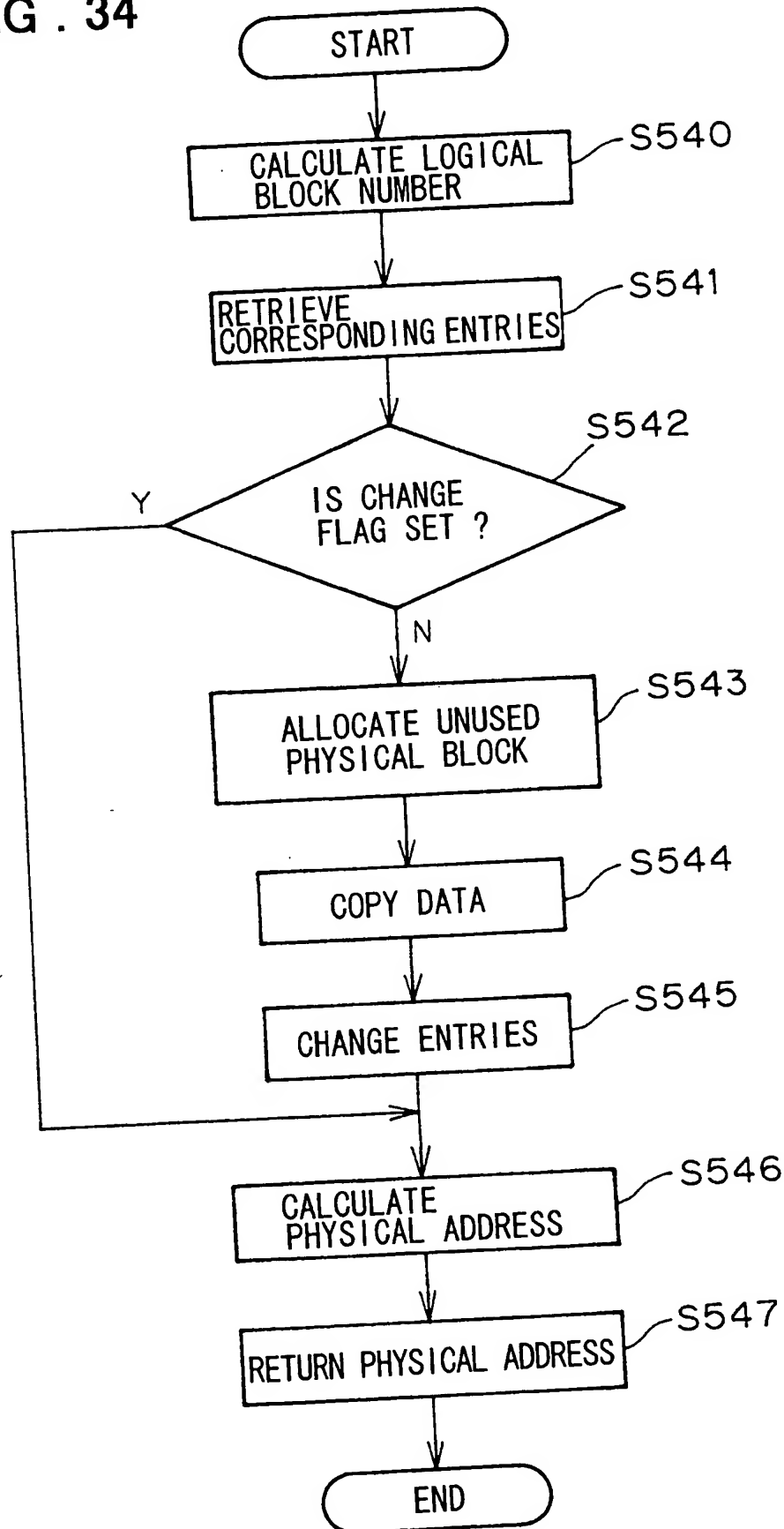


FIG . 35

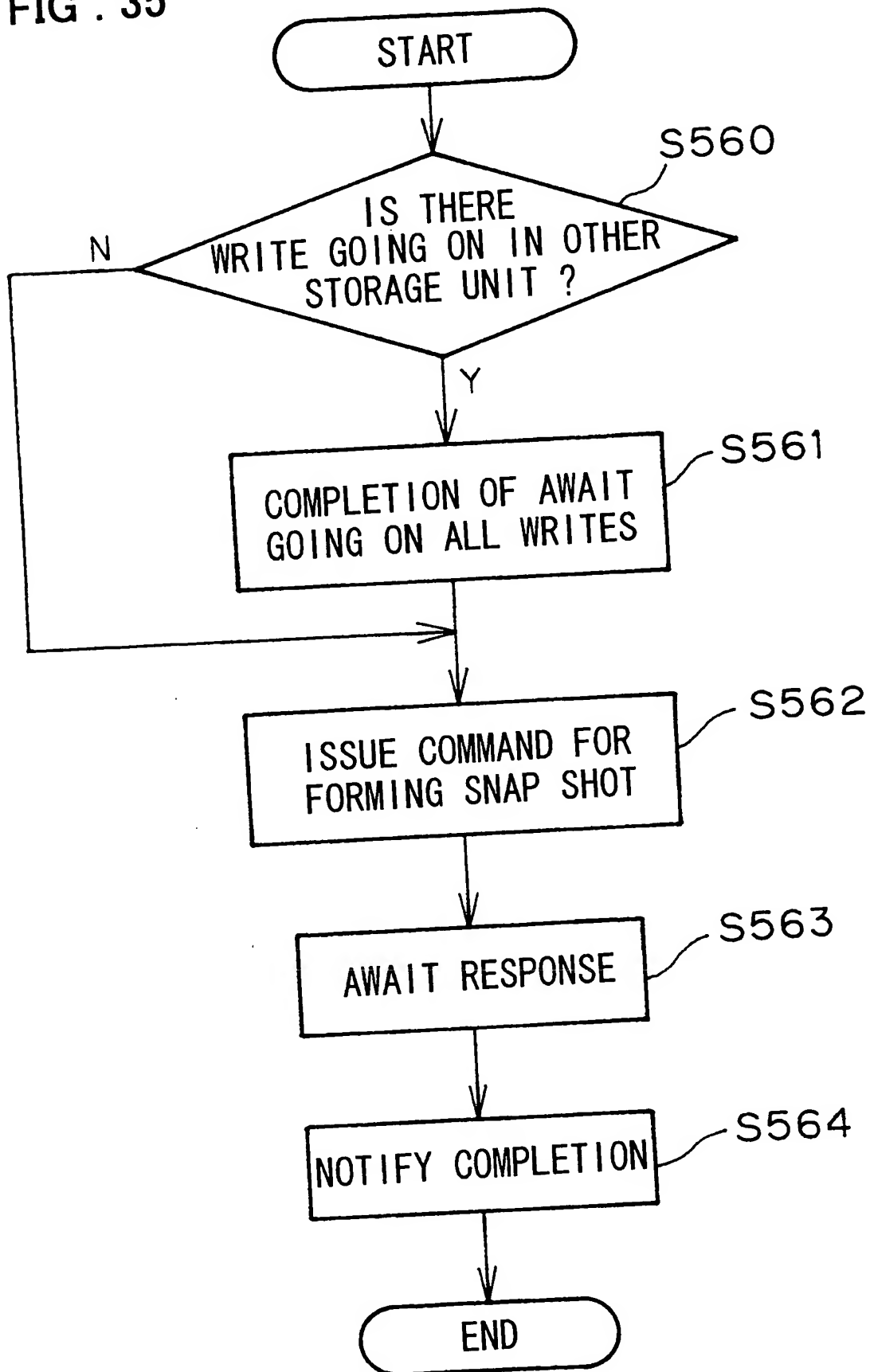


FIG . 36

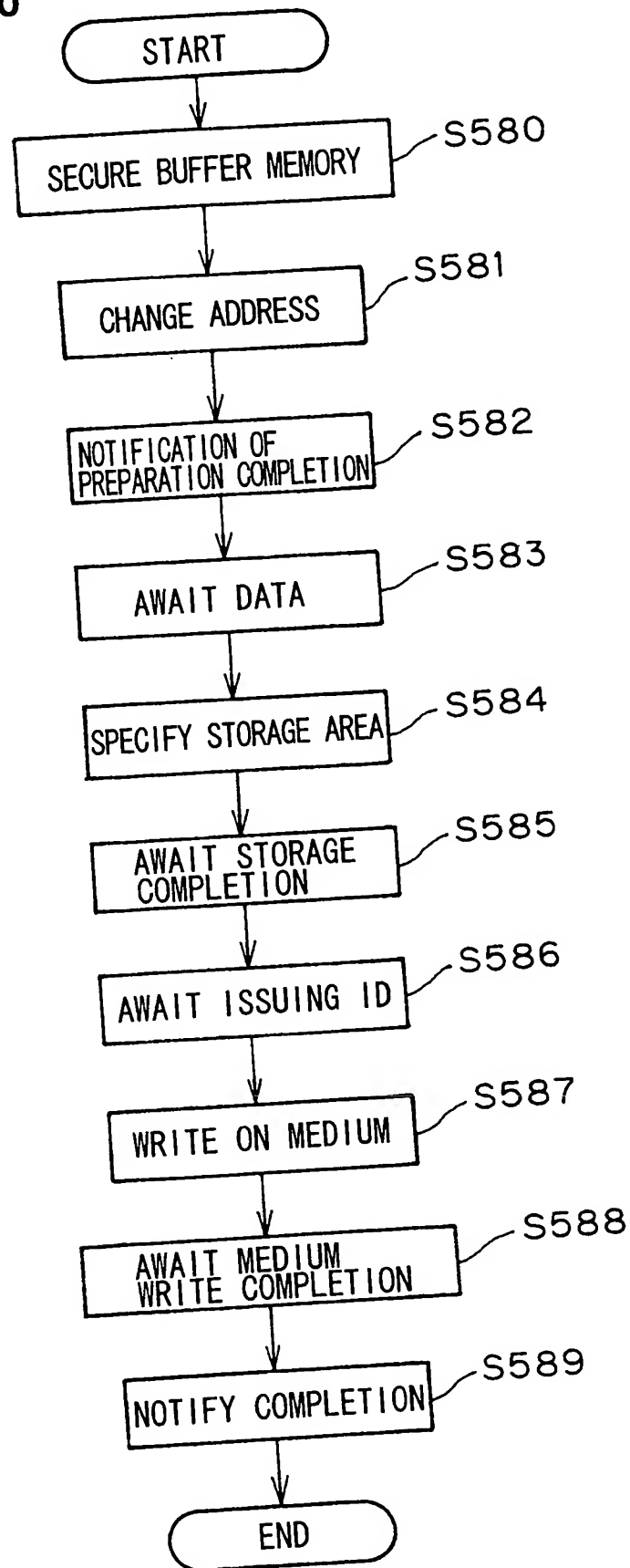


FIG . 37

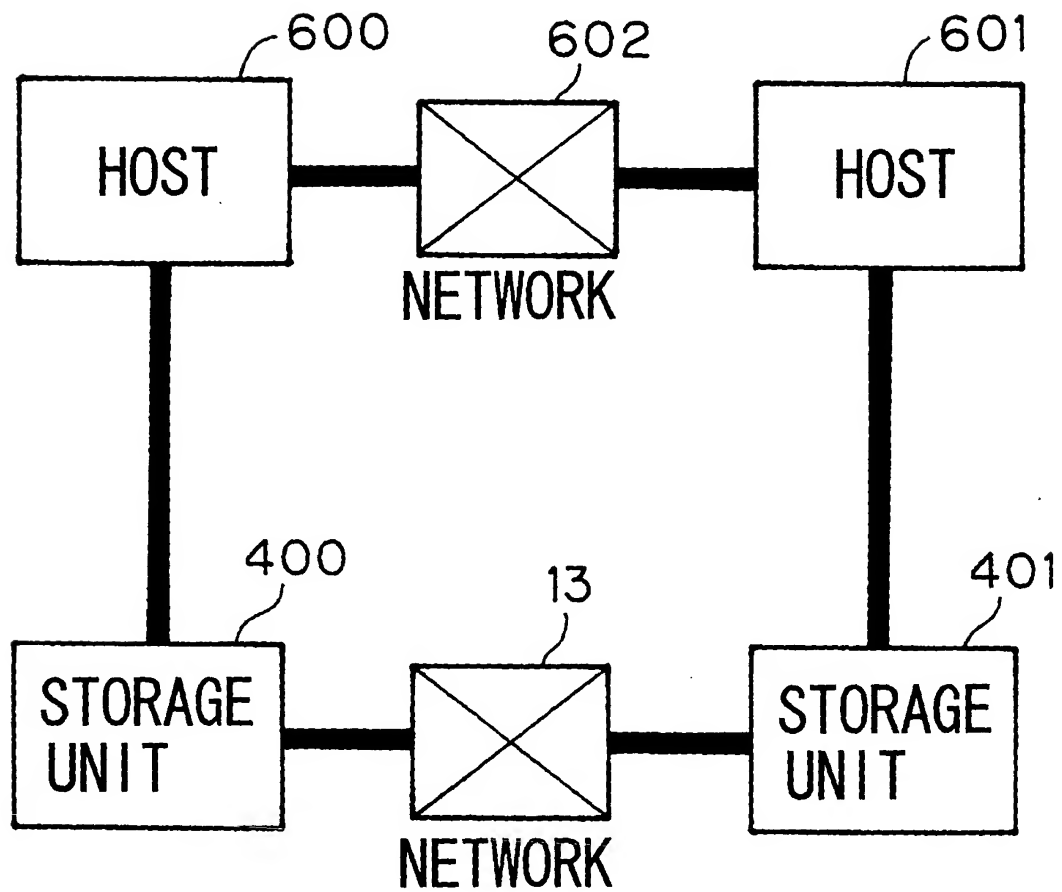


FIG . 38

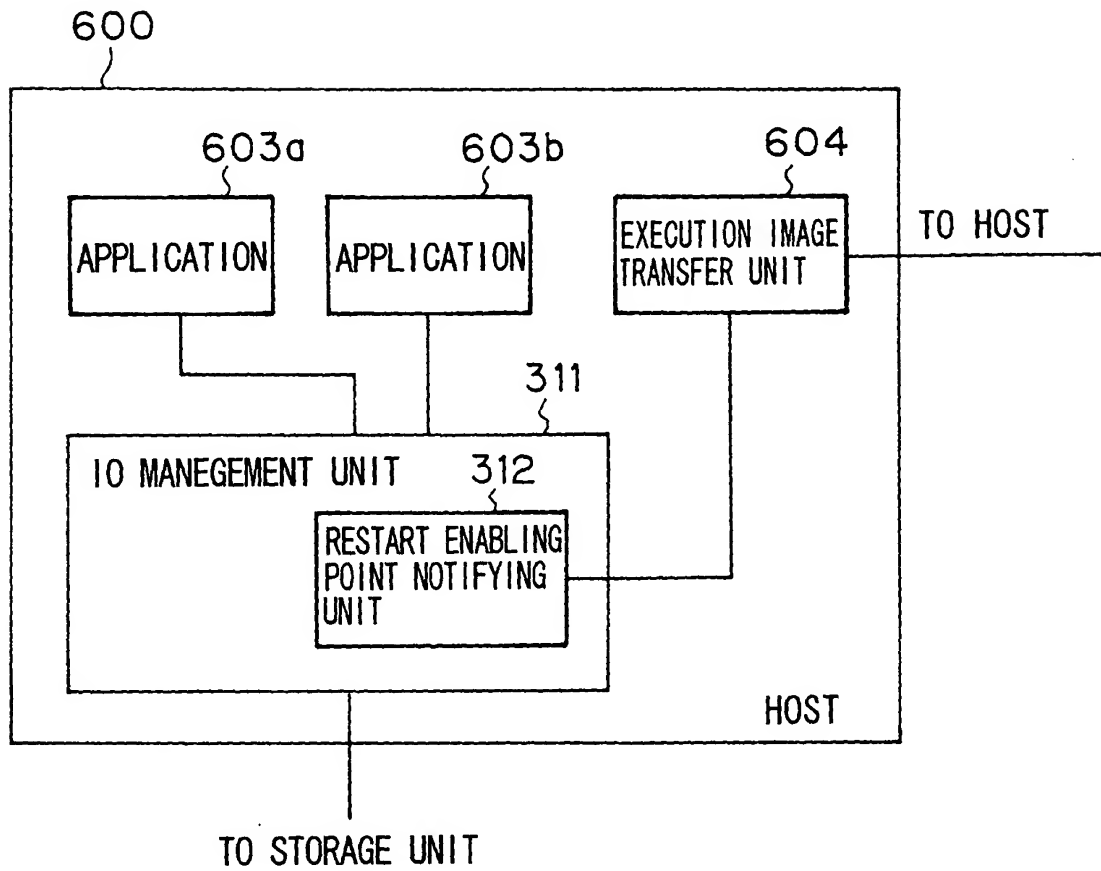


FIG . 39

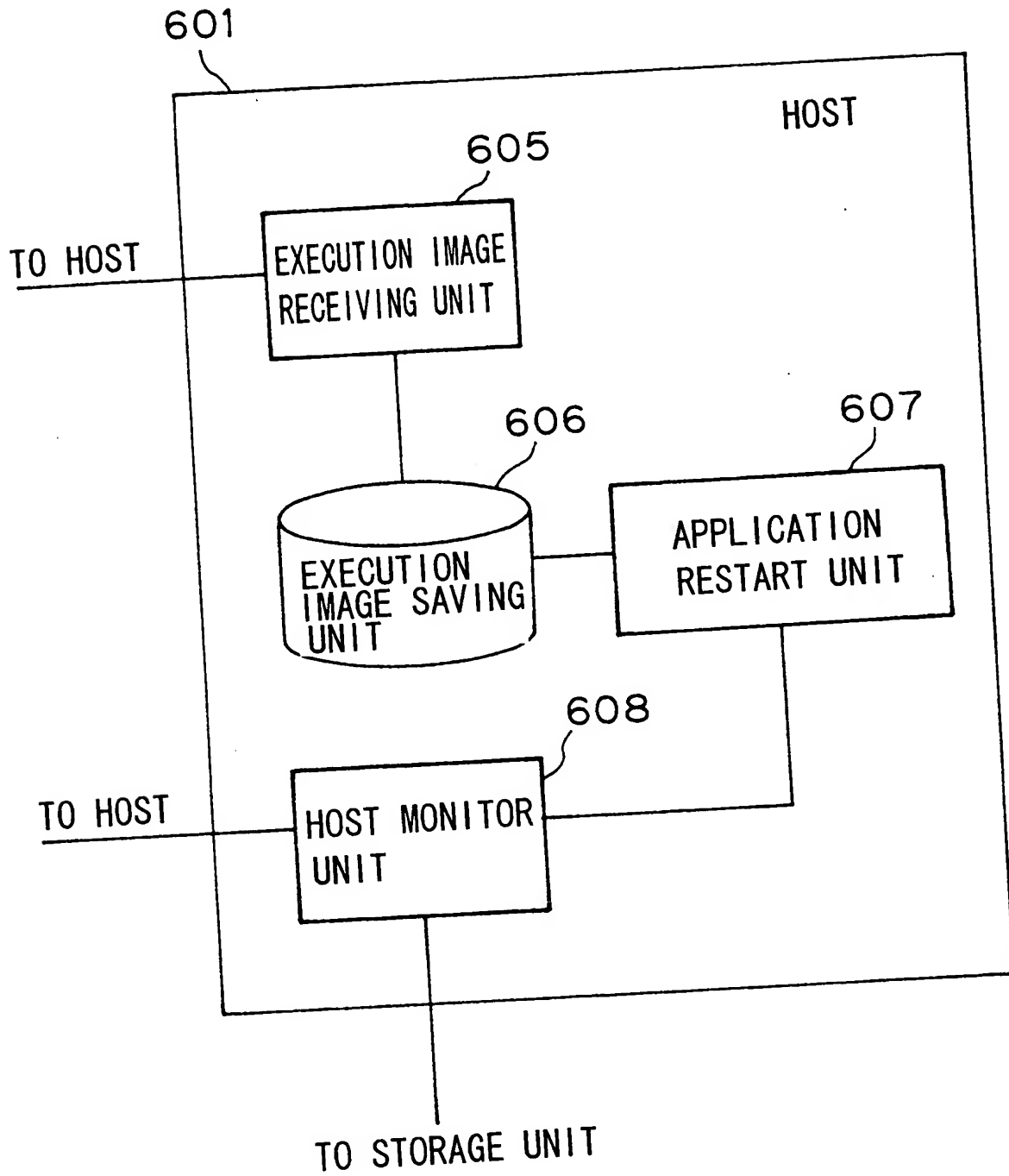


FIG . 40

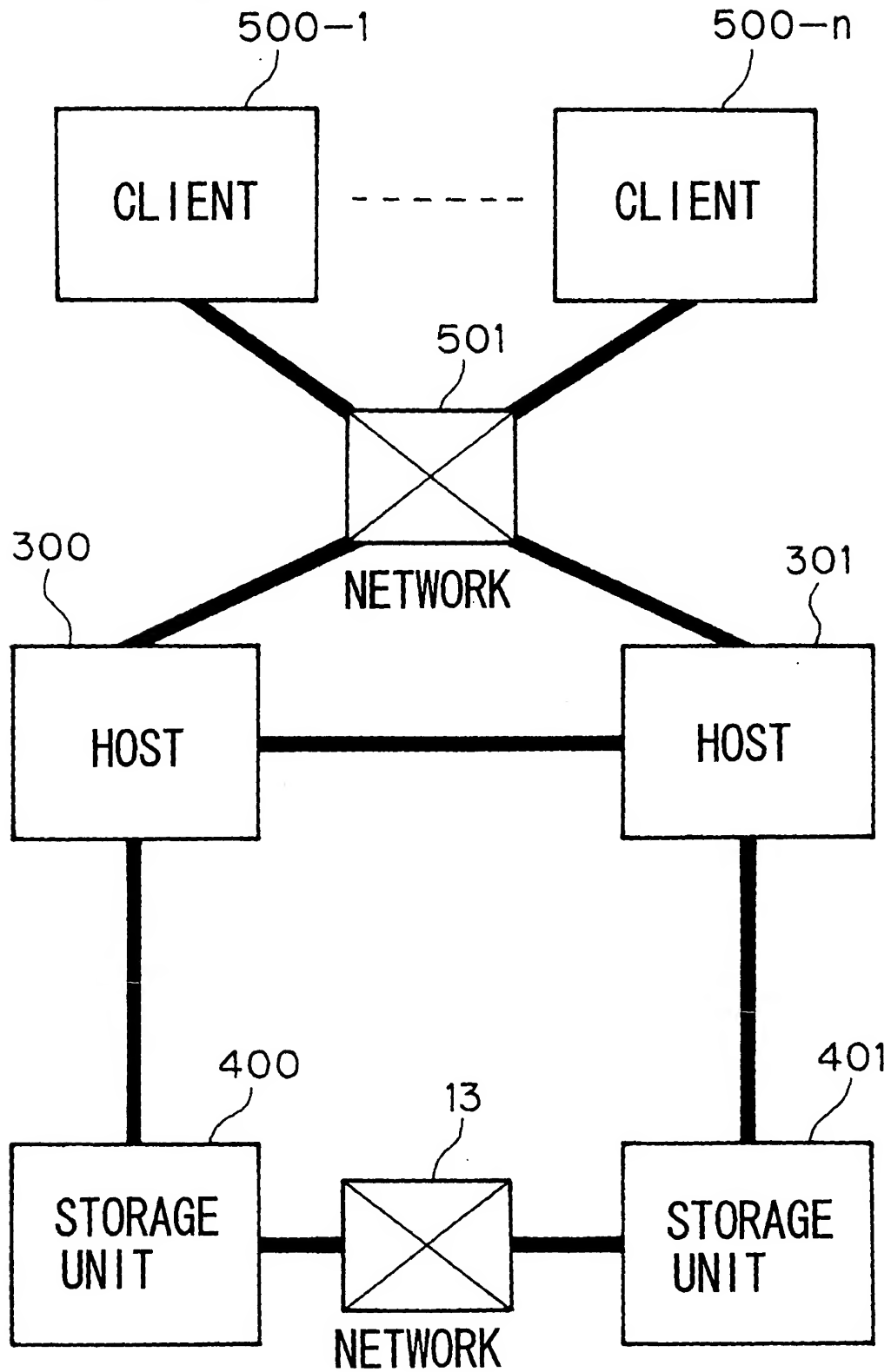




FIG. 41

